

earlyrace

Electrical Enclosures



Quality

Price

Time

Stability



2017 Product Catalogue



Discover
the potential



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Factory and Production Facilities



Ship and Wheelhouse



Machine Control



External Areas



Mass Housing



Shopping Center and Social Facility



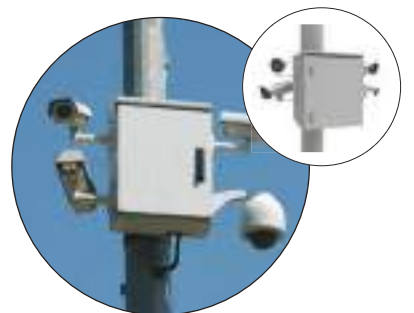
Treatment Facilities



Telecom and Computer



Energy Areas



Camera Systems

First of all we appreciate you for reading this information on Ersoy Pano.

ESTABLISHMENT

Our company was established in 1990 as a family company with the belief of quality, price, time and stability. We made the production of 90% standard products until 2012 and became the leader company in Turkey in this segment.

STRATEGIC CHANGE

We have shifted to the special order products particularly composed of standard parts by making a strategy change since 2014. With the 27-year of experience, we gave importance to the mold production for a production, which is always safe, low-cost and failure-free, and where the corners are curved, in order to minimize the injuries during assembly works. We considered the technology in integration with the design program, CNC machine, and skilled staff, and accordingly evolved.

QUALITY MANAGEMENT

We received ISO 9002 quality management system certificate in 1997. We are among the first corporates receiving this certificate. We have cared to be systematic all the time for 20 years. Today, we acquired all the necessary certificates such as quality management system, product quality, occupation health and safety, environment management and EU compliance.

CHARACTERISTIC OF THE COMPANY

Companies shape in accordance with their incorporators. Our company, which does not waste, respects the environment, cares occupational health and safety, aims constant learning, believe in hard-work and serving human being and is open to innovation, is a corporate company caring R&D studies, taking into account its competitors regardless of their volume, reducing the cost and rising quality.

AREAS WHERE OUR PRODUCTS ARE USED

We meet all the demands for particularly low voltage and middle voltage enclosures. Sectors served cover factory, machinery, housing, ship, shopping center, outdoor telecom.

COST

The electric enclosure production costs in our company are below the averages of Turkey and world. The most important reason for this is that we can make mass production with 95% shredded sheet metal from narrower sheet metal of 10 mm to a wider sheet metal of 1250 mm without waste of material through automatic molds. We offer low-cost quality products by taking into consideration the competition in Turkey and world.

SALES STRATEGY

We have been participating into the foreign fairs recently and we care export.

We make export to a lot of countries including Americas and Middle East. We mainly target opening to abroad. We have the infrastructure to respond demands from each point of the world especially from Marmara Region and all around Turkey.

MATERIALS WE PROCESS

Thanks to our flexible design, we are ready to easily meet the demands special for you. We use 100% DIN EN 10346 Dx51 070 gr galvanized sheet metal as the main item. We can meet your enclosure demands of any size from 304/316 quality stainless sheet metal, dipping galvanized sheet metal and aluminum.

We can make you proposals with our sales staff, who have technical infrastructure and know all the stages of production, by making dimensioning and technical drawings through programs like AutoCAD/Solidworks.

LOCATION OF PRODUCTION AND FACILITY

Our factory is located in Gebze-Kocaeli region, the center of industry, and we make systematical production on an outdoor area of 30.000 m2 and indoor area of 5000 m2.

SHIPMENT-DELIVERY

We make shipment to İstanbul and cities in the vicinity with our own vehicles. For the shipments to the cities across the country, we deliver the product to your shipper; and we make research to make the abroad shipments with a transportation company suitable to the interest of our customer by being aware of the abroad transportation costs.

TECHNICAL SUPPORT FOR THE ORDERS

You can contact our company by means of e-mail, whatsapp, website, fax and telephone to respond your demands and requests in the fastest way.

TIME MANAGEMENT

We will keep being ready for you. We will take action by knowing the value of time, while you spare your time with us.

DIFFERENT DEMANDS

Different product demands from you will be an opportunity for us in terms of developing ourselves.

Best Regards...



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Part components have been calculated from specific weight as kg.

FLUSH MOUNTED Enclosure FEATURES

Flush mounted wall type enclosures are produced from Dx51 quality galvanized steel roll in automatic molds without wastage and failure in manner to ensure least welding technic and highest design capability. In order for the enclosures to fit with wall, the end corners of the facing are twisted 45o.

After the enclosure is tightened and assembled, and the plaster dries; the side facings are strengthened with five twists in a manner that the enclosure door can be easily opened and closed.

All parts are produced modular and assembled with the guide screws, and designed so that the tensile deformation in the sheet metal is minimized and the changes can be made.

In general, flush mounted enclosures are within the least-cared product group, whereas our products have high quality and are useful; and since it is much more difficult and expensive to demolish the wall and make the changes, we think that flush mounted enclosures are more important than surface mounted enclosures.

SURFACE MOUNTED WALL TYPE Enclosure FEATURES

Surface mounted wall type enclosures are designed from Dx51 quality galvanized steel roll in automatic molds without wastage and failure in a manner to ensure IP 65 protection where the welding technic is the highest.

Lower-upper plates can be removed and the cable entry holes can be easily drilled or replaced with the new one. Moreover, caps can be inserted for the outdoor applications. Two or more enclosures can be mounted on top of each other; and the upper enclosure can be mounted with a plate while the bottom enclosure is with a contact hazard protection, or the upper plate can be without a glass cover while the lower plate is with a glass cover.

The cap can be turned to both leftward and rightward. For the compliance with the media where they will be used, the enclosure can be mounted as the lower and upper enclosure so that the door can be taken to the right and left side.

Mounting flanges can be mounted at sides as bottom and top flanges, and may sometimes prevent the flange or correspond to a void, in this case two of the mounting flanges can be mounted at either right side or left side, and at top and bottom sides.

Plinth sheet metal in the large-size enclosures is mounted by using a guide screw. This enables the plinth sheet metal to be disassembled and the cables to be assembled easily, and then the plinth sheet metal to be re-assembled.

A enclosure, whose indoor use complies with assembly having a plate or contact hazard protection, and which is available in the stock, can be used for different purposes by changing its internal parts.

The enclosures at the outdoor can appear with IP 65 outdoor cap and also with outdoor glass cover. IP 65 can be implemented without using a cap in dusty and flammable media.

The media with lower IP protection are mounted with the same case without using a seam and cap. Seaming and cap cost increases as the IP protection increases. Simple use can be preferred in the dry spaces and room environment.

Flange rivet nuts are used in outdoor enclosures. Blind rivet nuts are used in some places. Thus, measures are taken to prevent entry of water and dust. In addition to minimizing the shrinkages and distortions in the sheet metal, the use of less welding technics decreases the costs and increases the competitive power of the product, and ensures the functionality, as well.

We can respond the requested quantity of the part products within the catalog.



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SPECIAL DEMANDS
FROM OUR CUSTOMERS





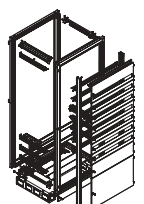





DEVELOP US.



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earlyrace Electrical Enclosures

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Export Loading



Reliable and smooth shipment



Fair Organizations





Our Facility

*Environment-friendly,
systematical and
simple
production.*




























Production Track




























MODULAR2 Series

ERECT SYSTEM Erect System Enclosure Part Sets

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MODULAR² Series Erect System Enclosures

M2 product model skeleton consists of iron-steel in order to ensure the strength. 100% galvanized sheet metal, which ensures durability against corrosion, is covered with 0.70 gr DX51 quality, has test reports and is completely domestic production, is used.

Welding technic is not used in M2 products unless this is compulsory. Where the seismic durability should be high, welding support is provided. Fortification is provided with polarized lining resistant to the corrosion instead of galvanize which burns during welding, the finishing coat is covered with paint after drying at 200 oC. Some joint points make the use of welding technic compulsory for the IP protection needs. Knowing that, M2, which has the slogan of MODULAR AS NEEDED, WELDING AS NEEDED, provides high protection between the IP40-IP65 at the same carcass with different sealing and screwing technics.

In M2 system, the desired IP protection is provided without changing the skeleton. The reason why the product is functional is that it both provides IP protection and its internal parts comply with each other.

Options with part assembly plate, whole Longitudinal Assembly plate and internal contact hazard protection cover can be easily mounted. Longitudinal Assembly plates can be mounted, where there are side assembly-disassembly challenges, and at front.

In order to avoid the injury of the assembly staff, the corners of all the products have been produced in special molds as curved, taking into consideration the occupational health and safety. In order to avoid injuries, and increase the strength, the parts are double-twisted.

Depth joints are designed as screwed in order to reduce the shipment cost. While welded, fixed skeleton enclosure models cannot be loaded more than 8-10 ton to a 25-ton tractor-truck, front and back skeletons are temporarily mounted to each other with a special part in M2 products. During packaging, back cover and front door are inserted on the skeleton, and all other internal materials are packaged and put into the products. Hence, a 25-ton tractor-truck can be loaded with maximum efficiency, and the shipment can be made to farthest point of the world with a 1/3 lower cost.

This system reduces the storage costs by 1/3.

Part selection according to the need.

Cost out of need is prevented.

General Product Characteristics

| | |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Declaration Current (In) | up to 4000A |
| Declaration Short Term Resistance Current | up to 60 kA (1 sec) |
| Declaration Impact Resistance Voltage (Uimp) | up to 6 kV |
| Segmentation | up to Form 4b |
| Protection Class | up to IP55 |
| Protection Against Mechanic Impacts | IK10 |
| Carrier Construction | Painted 2mm galvanized sheet metal |
| Paint | RAL 7035 Light grey epoxy-polyester dust paint |
| Operating Temperature | -5 oC, +40 oC |
| Complying Standards | IEC/EN 61439-1/2 Lower voltage switching and control order hardware IEC/EN 62208 Empty Casings-Lower voltage switching and control order hardware IEC/EN 60529 Protection Degree Provided at Casings (IP Code) IEC/EN 62262 Electricity Hardware Casing Against External Mechanic Impacts (IK Code) IEC 60068 and IEEE-693/2005-Siesmic Qualification Certificate Internal arch test as per IEC/TR 61641 |

Differs from its rivals!

Welding as needed,
modular and competitive as needed.



Strength-Corrosion-Seismic-
IP Protection- Functional-Security-Shipment-
Storage All in one in MODULAR2

MODULAR²

Enclosure Series

(Internal, glass and external compliance)

Products of this group the desired internal changes are made upon demand. All parts of the changes are listed as per aforementioned codes and characteristics

Raw Material and Materials

| | | | |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Sheet Metal | Galvanized sheet metal | Back Cover | 1.2 mm painted |
| Paint | RAL 7035 Epoxy Polyester | Longitudinal Assembly Plate | 2.0 mm unpainted galvanized |
| Carcass | 2.0 mm painted | Bottom Closers | 1.2 mm unpainted galvanized |
| Joint | 1.5 mm unpainted galvanized | CHP Carriers | 1.5 mm painted |
| Plinth (Righth-Left) | 2.0 painted (RAL7035) | Internal Assembly Bedplates | 1.5 mm unpainted galvanized |
| Plinth (Front-Back Closer) | 1.5 mm (RAL 7035) | CHP | 1.2 mm painted |
| Horizontal Connection | 1.5 mm unpainted galvanized | External Caps | 1.5 mm painted |
| Front Cover | 1.5 mm painted | Glass Caps | 4.0 mm tempered fume glass |
| Side Cover | 1.2 mm painted | | |

Characteristics and Purpose of Use

- Front-back covers in IP40 enclosures are with polyurethane seal
- Complete polyurethane seal option including front-back covers in IP55-IP65 enclosures
- Front covers are with 2 hinges until 1400 mm in length, with 3 hinges above 1400 mm
- Front covers are with 3 hinges for the sizes 1400 mm and above in length
- Front covers lock system can be locked at 3 points
- Upper cover can be with cable entry, or brush or EPDM seal upon request
- Lower closers can be with brush or EPDM seal or flange depending on IP protection and upon request
- 4 rising eyebolts at one compartment enclosure
- Ventilation shutters can be opened at front door and side covers upon request
- Upper ventilation unit (upon request)
- Option of 2 or 3 cable carriers depending on the size of enclosure at back part of the enclosures with contact hazard protection
- Plinths can be with options of separately four corners or light-left complete plinths
- Right-left plinths can be with joint for cable entry and comply with break
- Front doors can be with 20x20 mm profile and 4 zamak corner joints for strength
- Front glass doors can be with glass holding cast (solid) Fermadur glue.
- Glass holding tabs for re-assembly of broken glass

Areas of Usage

- In internal areas, IP40
- In external areas, IP55
- In internal, moisture and wet areas, IP55-IP65
- In flammable and explosive areas, IP66

Usage Options

- With Longitudinal Assembly plate
- With parted assembly plate
- With internal plate (with Contact Hazard Protection)
- With flat cover, glass cover and different external options
- With rising foots for fluid risk on the ground

Carcass, plinth, upper cover, front-back cover for the sets, and each set includes 4 lateral connections

Lower covers and internal parts are not included.

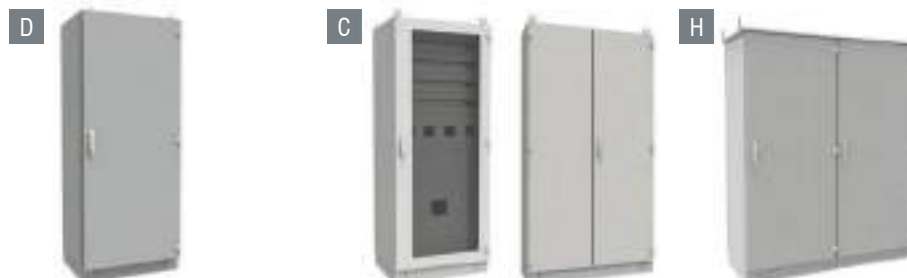
Voids on the covers, sides and upper parts are charged additionally



Details depending on the change in these models have been defined starting from the beginning of the catalog

MODULAR² Enclosure Series

| Depth: 400 mm | | | | | | | | | | | |
|---------------|------------|-------------------|-----------------------|------------------------|------------------------|---------------|------------|-------------------|-----------------------|------------------------|------------------------|
| PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE | PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE |
| MDP2 | 300 | 1000 | 2200.1011 | 2200.1013 | 2200.1015 | MDP2 | 800 | 1000 | 2200.1261 | 2200.1263 | 2200.1265 |
| | | 1200 | 2200.1017 | 2200.1019 | 2200.1021 | | | 1200 | 2200.1267 | 2200.1269 | 2200.1271 |
| | | 1400 | 2200.1023 | 2200.1025 | 2200.1027 | | | 1400 | 2200.1273 | 2200.1275 | 2200.1277 |
| | | 1600 | 2200.1029 | 2200.1031 | 2200.1033 | | | 1600 | 2200.1279 | 2200.1281 | 2200.1283 |
| | | 1800 | 2200.1035 | 2200.1037 | 2200.1039 | | | 1800 | 2200.1285 | 2200.1287 | 2200.1289 |
| | | 2000 | 2200.1041 | 2200.1043 | 2200.1045 | | | 2000 | 2200.1291 | 2200.1293 | 2200.1295 |
| | | 2100 | 2200.1047 | 2200.1049 | 2200.1051 | | | 2100 | 2200.1297 | 2200.1299 | 2200.1301 |
| | | 2200 | 2200.1053 | 2200.1055 | 2200.1057 | | | 2200 | 2200.1303 | 2200.1305 | 2200.1307 |
| MDP2 | 400 | 1000 | 2200.1061 | 2200.1063 | 2200.1065 | MDP2 | 900 | 1000 | 2200.1311 | 2200.1313 | 2200.1315 |
| | | 1200 | 2200.1067 | 2200.1069 | 2200.1071 | | | 1200 | 2200.1317 | 2200.1319 | 2200.1321 |
| | | 1400 | 2200.1073 | 2200.1075 | 2200.1077 | | | 1400 | 2200.1323 | 2200.1325 | 2200.1327 |
| | | 1600 | 2200.1079 | 2200.1081 | 2200.1083 | | | 1600 | 2200.1329 | 2200.1331 | 2200.1333 |
| | | 1800 | 2200.1085 | 2200.1087 | 2200.1089 | | | 1800 | 2200.1335 | 2200.1337 | 2200.1339 |
| | | 2000 | 2200.1091 | 2200.1093 | 2200.1095 | | | 2000 | 2200.1341 | 2200.1343 | 2200.1345 |
| | | 2100 | 2200.1097 | 2200.1099 | 2200.1101 | | | 2100 | 2200.1347 | 2200.1349 | 2200.1351 |
| | | 2200 | 2200.1103 | 2200.1105 | 2200.1107 | | | 2200 | 2200.1353 | 2200.1355 | 2200.1357 |
| MDP2 | 500 | 1000 | 2200.1111 | 2200.1113 | 2200.1115 | MDP2 | 1000 | 1000 | 2200.1361 | 2200.1363 | 2200.1365 |
| | | 1200 | 2200.1117 | 2200.1119 | 2200.1121 | | | 1200 | 2200.1367 | 2200.1369 | 2200.1371 |
| | | 1400 | 2200.1123 | 2200.1125 | 2200.1127 | | | 1400 | 2200.1373 | 2200.1375 | 2200.1377 |
| | | 1600 | 2200.1129 | 2200.1131 | 2200.1133 | | | 1600 | 2200.1379 | 2200.1381 | 2200.1383 |
| | | 1800 | 2200.1135 | 2200.1137 | 2200.1139 | | | 1800 | 2200.1385 | 2200.1387 | 2200.1389 |
| | | 2000 | 2200.1141 | 2200.1143 | 2200.1145 | | | 2000 | 2200.1391 | 2200.1393 | 2200.1395 |
| | | 2100 | 2200.1147 | 2200.1149 | 2200.1151 | | | 2100 | 2200.1397 | 2200.1399 | 2200.1401 |
| | | 2200 | 2200.1153 | 2200.1155 | 2200.1157 | | | 2200 | 2200.1403 | 2200.1405 | 2200.1407 |
| MDP2 | 600 | 1000 | 2200.1161 | 2200.1163 | 2200.1165 | MDP2 | 1100 | 1000 | 2200.1411 | 2200.1413 | 2200.1415 |
| | | 1200 | 2200.1167 | 2200.1169 | 2200.1171 | | | 1200 | 2200.1417 | 2200.1419 | 2200.1421 |
| | | 1400 | 2200.1173 | 2200.1175 | 2200.1177 | | | 1400 | 2200.1423 | 2200.1425 | 2200.1427 |
| | | 1600 | 2200.1179 | 2200.1181 | 2200.1183 | | | 1600 | 2200.1429 | 2200.1431 | 2200.1433 |
| | | 1800 | 2200.1185 | 2200.1187 | 2200.1189 | | | 1800 | 2200.1435 | 2200.1437 | 2200.1439 |
| | | 2000 | 2200.1191 | 2200.1193 | 2200.1195 | | | 2000 | 2200.1441 | 2200.1443 | 2200.1445 |
| | | 2100 | 2200.1197 | 2200.1199 | 2200.1201 | | | 2100 | 2200.1447 | 2200.1449 | 2200.1451 |
| | | 2200 | 2200.1203 | 2200.1205 | 2200.1207 | | | 2200 | 2200.1453 | 2200.1455 | 2200.1457 |
| MDP2 | 700 | 1000 | 2200.1211 | 2200.1213 | 2200.1215 | MDP2 | 1200 | 1000 | 2200.1461 | 2200.1463 | 2200.1465 |
| | | 1200 | 2200.1217 | 2200.1219 | 2200.1221 | | | 1200 | 2200.1467 | 2200.1469 | 2200.1471 |
| | | 1400 | 2200.1223 | 2200.1225 | 2200.1227 | | | 1400 | 2200.1473 | 2200.1475 | 2200.1477 |
| | | 1600 | 2200.1229 | 2200.1231 | 2200.1233 | | | 1600 | 2200.1479 | 2200.1481 | 2200.1483 |
| | | 1800 | 2200.1235 | 2200.1237 | 2200.1239 | | | 1800 | 2200.1485 | 2200.1487 | 2200.1489 |
| | | 2000 | 2200.1241 | 2200.1243 | 2200.1245 | | | 2000 | 2200.1491 | 2200.1493 | 2200.1495 |
| | | 2100 | 2200.1247 | 2200.1249 | 2200.1251 | | | 2100 | 2200.1497 | 2200.1499 | 2200.1501 |
| | | 2200 | 2200.1253 | 2200.1255 | 2200.1257 | | | 2200 | 2200.1503 | 2200.1505 | 2200.1507 |



Double Lapped Door Enclosures

MODULAR² Enclosure Series

| Depth: 500 mm | | | | | | | | | | | |
|---------------|------------|-------------------|-----------------------|------------------------|------------------------|---------------|------------|-------------------|-----------------------|------------------------|------------------------|
| PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE | PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE |
| MDP2 | 300 | 1000 | 2200.1511 | 2200.1513 | 2200.1515 | MDP2 | 800 | 1000 | 2200.1761 | 2200.1763 | 2200.1765 |
| | | 1200 | 2200.1517 | 2200.1519 | 2200.1521 | | | 1200 | 2200.1767 | 2200.1769 | 2200.1771 |
| | | 1400 | 2200.1523 | 2200.1525 | 2200.1527 | | | 1400 | 2200.1773 | 2200.1775 | 2200.1777 |
| | | 1600 | 2200.1529 | 2200.1531 | 2200.1533 | | | 1600 | 2200.1779 | 2200.1781 | 2200.1783 |
| | | 1800 | 2200.1535 | 2200.1537 | 2200.1539 | | | 1800 | 2200.1785 | 2200.1787 | 2200.1789 |
| | | 2000 | 2200.1541 | 2200.1543 | 2200.1545 | | | 2000 | 2200.1791 | 2200.1793 | 2200.1795 |
| | | 2100 | 2200.1547 | 2200.1549 | 2200.1551 | | | 2100 | 2200.1797 | 2200.1799 | 2200.1801 |
| | | 2200 | 2200.1553 | 2200.1555 | 2200.1557 | | | 2200 | 2200.1803 | 2200.1805 | 2200.1807 |
| MDP2 | 400 | 1000 | 2200.1561 | 2200.1563 | 2200.1565 | MDP2 | 900 | 1000 | 2200.1811 | 2200.1813 | 2200.1815 |
| | | 1200 | 2200.1567 | 2200.1569 | 2200.1571 | | | 1200 | 2200.1817 | 2200.1819 | 2200.1821 |
| | | 1400 | 2200.1573 | 2200.1575 | 2200.1577 | | | 1400 | 2200.1823 | 2200.1825 | 2200.1827 |
| | | 1600 | 2200.1579 | 2200.1581 | 2200.1583 | | | 1600 | 2200.1829 | 2200.1831 | 2200.1833 |
| | | 1800 | 2200.1585 | 2200.1587 | 2200.1589 | | | 1800 | 2200.1835 | 2200.1837 | 2200.1839 |
| | | 2000 | 2200.1591 | 2200.1593 | 2200.1595 | | | 2000 | 2200.1841 | 2200.1843 | 2200.1845 |
| | | 2100 | 2200.1597 | 2200.1599 | 2200.1601 | | | 2100 | 2200.1847 | 2200.1849 | 2200.1851 |
| | | 2200 | 2200.1603 | 2200.1605 | 2200.1607 | | | 2200 | 2200.1853 | 2200.1855 | 2200.1857 |
| MDP2 | 500 | 1000 | 2200.1611 | 2200.1613 | 2200.1615 | MDP2 | 1000 | 1000 | 2200.1861 | 2200.1863 | 2200.1865 |
| | | 1200 | 2200.1617 | 2200.1619 | 2200.1621 | | | 1200 | 2200.1867 | 2200.1869 | 2200.1871 |
| | | 1400 | 2200.1623 | 2200.1625 | 2200.1627 | | | 1400 | 2200.1873 | 2200.1875 | 2200.1877 |
| | | 1600 | 2200.1629 | 2200.1631 | 2200.1633 | | | 1600 | 2200.1879 | 2200.1881 | 2200.1883 |
| | | 1800 | 2200.1635 | 2200.1637 | 2200.1639 | | | 1800 | 2200.1885 | 2200.1887 | 2200.1889 |
| | | 2000 | 2200.1641 | 2200.1643 | 2200.1645 | | | 2000 | 2200.1891 | 2200.1893 | 2200.1895 |
| | | 2100 | 2200.1647 | 2200.1649 | 2200.1651 | | | 2100 | 2200.1897 | 2200.1899 | 2200.1901 |
| | | 2200 | 2200.1653 | 2200.1655 | 2200.1657 | | | 2200 | 2200.1903 | 2200.1905 | 2200.1907 |
| MDP2 | 600 | 1000 | 2200.1661 | 2200.1663 | 2200.1665 | MDP2 | 1100 | 1000 | 2200.1911 | 2200.1913 | 2200.1915 |
| | | 1200 | 2200.1667 | 2200.1669 | 2200.1671 | | | 1200 | 2200.1917 | 2200.1919 | 2200.1921 |
| | | 1400 | 2200.1673 | 2200.1675 | 2200.1677 | | | 1400 | 2200.1923 | 2200.1925 | 2200.1927 |
| | | 1600 | 2200.1679 | 2200.1681 | 2200.1683 | | | 1600 | 2200.1929 | 2200.1931 | 2200.1933 |
| | | 1800 | 2200.1685 | 2200.1687 | 2200.1689 | | | 1800 | 2200.1935 | 2200.1937 | 2200.1939 |
| | | 2000 | 2200.1691 | 2200.1693 | 2200.1695 | | | 2000 | 2200.1941 | 2200.1943 | 2200.1945 |
| | | 2100 | 2200.1697 | 2200.1699 | 2200.1701 | | | 2100 | 2200.1947 | 2200.1949 | 2200.1951 |
| | | 2200 | 2200.1703 | 2200.1705 | 2200.1707 | | | 2200 | 2200.1953 | 2200.1955 | 2200.1957 |
| MDP2 | 700 | 1000 | 2200.1711 | 2200.1713 | 2200.1715 | MDP2 | 1200 | 1000 | 2200.1961 | 2200.1963 | 2200.1965 |
| | | 1200 | 2200.1717 | 2200.1719 | 2200.1721 | | | 1200 | 2200.1967 | 2200.1969 | 2200.1971 |
| | | 1400 | 2200.1723 | 2200.1725 | 2200.1727 | | | 1400 | 2200.1973 | 2200.1975 | 2200.1977 |
| | | 1600 | 2200.1729 | 2200.1731 | 2200.1733 | | | 1600 | 2200.1979 | 2200.1981 | 2200.1983 |
| | | 1800 | 2200.1735 | 2200.1737 | 2200.1739 | | | 1800 | 2200.1985 | 2200.1987 | 2200.1989 |
| | | 2000 | 2200.1741 | 2200.1743 | 2200.1745 | | | 2000 | 2200.1991 | 2200.1993 | 2200.1995 |
| | | 2100 | 2200.1747 | 2200.1749 | 2200.1751 | | | 2100 | 2200.1997 | 2200.1999 | 2200.2001 |
| | | 2200 | 2200.1753 | 2200.1755 | 2200.1757 | | | 2200 | 2200.2003 | 2200.2005 | 2200.2007 |

D



C



H



Double Lapped Door Enclosures

| Depth: 600 mm | | | | | | | | | | | |
|---------------|------------|-------------------|-----------------------|------------------------|------------------------|---------------|------------|-------------------|-----------------------|------------------------|------------------------|
| PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE | PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE |
| MDP2 | 300 | 1000 | 2200.2011 | 2200.2013 | 2200.2015 | MDP2 | 800 | 1000 | 2200.2261 | 2200.2263 | 2200.2265 |
| | | 1200 | 2200.2017 | 2200.2019 | 2200.2021 | | | 1200 | 2200.2267 | 2200.2269 | 2200.2271 |
| | | 1400 | 2200.2023 | 2200.2025 | 2200.2027 | | | 1400 | 2200.2273 | 2200.2275 | 2200.2277 |
| | | 1600 | 2200.2029 | 2200.2031 | 2200.2033 | | | 1600 | 2200.2279 | 2200.2281 | 2200.2283 |
| | | 1800 | 2200.2035 | 2200.2037 | 2200.2039 | | | 1800 | 2200.2285 | 2200.2287 | 2200.2289 |
| | | 2000 | 2200.2041 | 2200.2043 | 2200.2045 | | | 2000 | 2200.2291 | 2200.2293 | 2200.2295 |
| | | 2100 | 2200.2047 | 2200.2049 | 2200.2051 | | | 2100 | 2200.2297 | 2200.2299 | 2200.2301 |
| | | 2200 | 2200.2053 | 2200.2055 | 2200.2057 | | | 2200 | 2200.2303 | 2200.2305 | 2200.2307 |
| MDP2 | 400 | 1000 | 2200.2061 | 2200.2063 | 2200.2065 | MDP2 | 900 | 1000 | 2200.2311 | 2200.2313 | 2200.2315 |
| | | 1200 | 2200.2067 | 2200.2069 | 2200.2071 | | | 1200 | 2200.2317 | 2200.2319 | 2200.2321 |
| | | 1400 | 2200.2073 | 2200.2075 | 2200.2077 | | | 1400 | 2200.2323 | 2200.2325 | 2200.2327 |
| | | 1600 | 2200.2079 | 2200.2081 | 2200.2083 | | | 1600 | 2200.2329 | 2200.2331 | 2200.2333 |
| | | 1800 | 2200.2085 | 2200.2087 | 2200.2089 | | | 1800 | 2200.2335 | 2200.2337 | 2200.2339 |
| | | 2000 | 2200.2091 | 2200.2093 | 2200.2095 | | | 2000 | 2200.2341 | 2200.2343 | 2200.2345 |
| | | 2100 | 2200.2097 | 2200.2099 | 2200.2101 | | | 2100 | 2200.2347 | 2200.2349 | 2200.2351 |
| | | 2200 | 2200.2103 | 2200.2105 | 2200.2107 | | | 2200 | 2200.2353 | 2200.2355 | 2200.2357 |
| MDP2 | 500 | 1000 | 2200.2111 | 2200.2113 | 2200.2115 | MDP2 | 1000 | 1000 | 2200.2361 | 2200.2363 | 2200.2365 |
| | | 1200 | 2200.2117 | 2200.2119 | 2200.2121 | | | 1200 | 2200.2367 | 2200.2369 | 2200.2371 |
| | | 1400 | 2200.2123 | 2200.2125 | 2200.2127 | | | 1400 | 2200.2373 | 2200.2375 | 2200.2377 |
| | | 1600 | 2200.2129 | 2200.2131 | 2200.2133 | | | 1600 | 2200.2379 | 2200.2381 | 2200.2383 |
| | | 1800 | 2200.2135 | 2200.2137 | 2200.2139 | | | 1800 | 2200.2385 | 2200.2387 | 2200.2389 |
| | | 2000 | 2200.2141 | 2200.2143 | 2200.2145 | | | 2000 | 2200.2391 | 2200.2393 | 2200.2395 |
| | | 2100 | 2200.2147 | 2200.2149 | 2200.2151 | | | 2100 | 2200.2397 | 2200.2399 | 2200.2401 |
| | | 2200 | 2200.2153 | 2200.2155 | 2200.2157 | | | 2200 | 2200.2403 | 2200.2405 | 2200.2407 |
| MDP2 | 600 | 1000 | 2200.2161 | 2200.2163 | 2200.2165 | MDP2 | 1100 | 1000 | 2200.2411 | 2200.2413 | 2200.2415 |
| | | 1200 | 2200.2167 | 2200.2169 | 2200.2171 | | | 1200 | 2200.2417 | 2200.2419 | 2200.2421 |
| | | 1400 | 2200.2173 | 2200.2175 | 2200.2177 | | | 1400 | 2200.2423 | 2200.2425 | 2200.2427 |
| | | 1600 | 2200.2179 | 2200.2181 | 2200.2183 | | | 1600 | 2200.2429 | 2200.2431 | 2200.2433 |
| | | 1800 | 2200.2185 | 2200.2187 | 2200.2189 | | | 1800 | 2200.2435 | 2200.2437 | 2200.2439 |
| | | 2000 | 2200.2191 | 2200.2193 | 2200.2195 | | | 2000 | 2200.2441 | 2200.2443 | 2200.2445 |
| | | 2100 | 2200.2197 | 2200.2199 | 2200.2201 | | | 2100 | 2200.2447 | 2200.2449 | 2200.2451 |
| | | 2200 | 2200.2203 | 2200.2205 | 2200.2207 | | | 2200 | 2200.2453 | 2200.2455 | 2200.2457 |
| MDP2 | 700 | 1000 | 2200.2211 | 2200.2213 | 2200.2215 | MDP2 | 1200 | 1000 | 2200.2461 | 2200.2463 | 2200.2465 |
| | | 1200 | 2200.2217 | 2200.2219 | 2200.2221 | | | 1200 | 2200.2467 | 2200.2469 | 2200.2471 |
| | | 1400 | 2200.2223 | 2200.2225 | 2200.2227 | | | 1400 | 2200.2473 | 2200.2475 | 2200.2477 |
| | | 1600 | 2200.2229 | 2200.2231 | 2200.2233 | | | 1600 | 2200.2479 | 2200.2481 | 2200.2483 |
| | | 1800 | 2200.2235 | 2200.2237 | 2200.2239 | | | 1800 | 2200.2485 | 2200.2487 | 2200.2489 |
| | | 2000 | 2200.2241 | 2200.2243 | 2200.2245 | | | 2000 | 2200.2491 | 2200.2493 | 2200.2495 |
| | | 2100 | 2200.2247 | 2200.2249 | 2200.2251 | | | 2100 | 2200.2497 | 2200.2499 | 2200.2501 |
| | | 2200 | 2200.2253 | 2200.2255 | 2200.2257 | | | 2200 | 2200.2503 | 2200.2505 | 2200.2507 |



MODULAR² Enclosure Series

| Depth: 700 mm | | | | | | | | | | | |
|---------------|------------|-------------------|-----------------------|------------------------|------------------------|---------------|------------|-------------------|-----------------------|------------------------|------------------------|
| PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE | PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE |
| MDP2 | 300 | 1000 | 2200.2511 | 2200.2513 | 2200.2515 | MDP2 | 800 | 1000 | 2200.2761 | 2200.2763 | 2200.2765 |
| | | 1200 | 2200.2517 | 2200.2519 | 2200.2521 | | | 1200 | 2200.2767 | 2200.2769 | 2200.2771 |
| | | 1400 | 2200.2523 | 2200.2525 | 2200.2527 | | | 1400 | 2200.2773 | 2200.2775 | 2200.2777 |
| | | 1600 | 2200.2529 | 2200.2531 | 2200.2533 | | | 1600 | 2200.2779 | 2200.2781 | 2200.2783 |
| | | 1800 | 2200.2535 | 2200.2537 | 2200.2539 | | | 1800 | 2200.2785 | 2200.2787 | 2200.2789 |
| | | 2000 | 2200.2541 | 2200.2543 | 2200.2545 | | | 2000 | 2200.2791 | 2200.2793 | 2200.2795 |
| | | 2100 | 2200.2547 | 2200.2549 | 2200.2551 | | | 2100 | 2200.2797 | 2200.2799 | 2200.2801 |
| | | 2200 | 2200.2553 | 2200.2555 | 2200.2557 | | | 2200 | 2200.2803 | 2200.2805 | 2200.2807 |
| MDP2 | 400 | 1000 | 2200.2561 | 2200.2563 | 2200.2565 | MDP2 | 900 | 1000 | 2200.2811 | 2200.2813 | 2200.2815 |
| | | 1200 | 2200.2567 | 2200.2569 | 2200.2571 | | | 1200 | 2200.2817 | 2200.2819 | 2200.2821 |
| | | 1400 | 2200.2573 | 2200.2575 | 2200.2577 | | | 1400 | 2200.2823 | 2200.2825 | 2200.2827 |
| | | 1600 | 2200.2579 | 2200.2581 | 2200.2583 | | | 1600 | 2200.2829 | 2200.2831 | 2200.2833 |
| | | 1800 | 2200.2585 | 2200.2587 | 2200.2589 | | | 1800 | 2200.2835 | 2200.2837 | 2200.2839 |
| | | 2000 | 2200.2591 | 2200.2593 | 2200.2595 | | | 2000 | 2200.2841 | 2200.2843 | 2200.2845 |
| | | 2100 | 2200.2597 | 2200.2599 | 2200.2601 | | | 2100 | 2200.2847 | 2200.2849 | 2200.2851 |
| | | 2200 | 2200.2603 | 2200.2605 | 2200.2607 | | | 2200 | 2200.2853 | 2200.2855 | 2200.2857 |
| MDP2 | 500 | 1000 | 2200.2611 | 2200.2613 | 2200.2615 | MDP2 | 1000 | 1000 | 2200.2861 | 2200.2863 | 2200.2865 |
| | | 1200 | 2200.2617 | 2200.2619 | 2200.2621 | | | 1200 | 2200.2867 | 2200.2869 | 2200.2871 |
| | | 1400 | 2200.2623 | 2200.2625 | 2200.2627 | | | 1400 | 2200.2873 | 2200.2875 | 2200.2877 |
| | | 1600 | 2200.2629 | 2200.2631 | 2200.2633 | | | 1600 | 2200.2879 | 2200.2881 | 2200.2883 |
| | | 1800 | 2200.2635 | 2200.2637 | 2200.2639 | | | 1800 | 2200.2885 | 2200.2887 | 2200.2889 |
| | | 2000 | 2200.2641 | 2200.2643 | 2200.2645 | | | 2000 | 2200.2891 | 2200.2893 | 2200.2895 |
| | | 2100 | 2200.2647 | 2200.2649 | 2200.2651 | | | 2100 | 2200.2897 | 2200.2899 | 2200.2901 |
| | | 2200 | 2200.2653 | 2200.2655 | 2200.2657 | | | 2200 | 2200.2903 | 2200.2905 | 2200.2907 |
| MDP2 | 600 | 1000 | 2200.2661 | 2200.2663 | 2200.2665 | MDP2 | 1100 | 1000 | 2200.2911 | 2200.2913 | 2200.2915 |
| | | 1200 | 2200.2667 | 2200.2669 | 2200.2671 | | | 1200 | 2200.2917 | 2200.2919 | 2200.2921 |
| | | 1400 | 2200.2673 | 2200.2675 | 2200.2677 | | | 1400 | 2200.2923 | 2200.2925 | 2200.2927 |
| | | 1600 | 2200.2679 | 2200.2681 | 2200.2683 | | | 1600 | 2200.2929 | 2200.2931 | 2200.2933 |
| | | 1800 | 2200.2685 | 2200.2687 | 2200.2689 | | | 1800 | 2200.2935 | 2200.2937 | 2200.2939 |
| | | 2000 | 2200.2691 | 2200.2693 | 2200.2695 | | | 2000 | 2200.2941 | 2200.2943 | 2200.2945 |
| | | 2100 | 2200.2697 | 2200.2699 | 2200.2701 | | | 2100 | 2200.2947 | 2200.2949 | 2200.2951 |
| | | 2200 | 2200.2703 | 2200.2705 | 2200.2707 | | | 2200 | 2200.2953 | 2200.2955 | 2200.2957 |
| MDP2 | 700 | 1000 | 2200.2711 | 2200.2713 | 2200.2715 | MDP2 | 1200 | 1000 | 2200.2961 | 2200.2963 | 2200.2965 |
| | | 1200 | 2200.2717 | 2200.2719 | 2200.2721 | | | 1200 | 2200.2967 | 2200.2969 | 2200.2971 |
| | | 1400 | 2200.2723 | 2200.2725 | 2200.2727 | | | 1400 | 2200.2973 | 2200.2975 | 2200.2977 |
| | | 1600 | 2200.2729 | 2200.2731 | 2200.2733 | | | 1600 | 2200.2979 | 2200.2981 | 2200.2983 |
| | | 1800 | 2200.2735 | 2200.2737 | 2200.2739 | | | 1800 | 2200.2985 | 2200.2987 | 2200.2989 |
| | | 2000 | 2200.2741 | 2200.2743 | 2200.2745 | | | 2000 | 2200.2991 | 2200.2993 | 2200.2995 |
| | | 2100 | 2200.2747 | 2200.2749 | 2200.2751 | | | 2100 | 2200.2997 | 2200.2999 | 2200.3001 |
| | | 2200 | 2200.2753 | 2200.2755 | 2200.2757 | | | 2200 | 2200.3003 | 2200.3005 | 2200.3007 |

D



C



H



Double Lapped Door Enclosures

MODULAR² Enclosure Series

| Depth: 800 mm | | | | | | | | | | | |
|---------------|------------|-------------------|-----------------------|------------------------|------------------------|---------------|------------|-------------------|-----------------------|------------------------|------------------------|
| PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE | PRODUCT MODEL | WIDTH (mm) | LENGTH SIZES (mm) | FLAT COVER IP 40 CODE | GLASS COVER IP 40 CODE | EXTERNAL CAP IP55 CODE |
| MDP2 | 300 | 1000 | 2200.3011 | 2200.3013 | 2200.3015 | MDP2 | 800 | 1000 | 2200.3261 | 2200.3263 | 2200.3265 |
| | | 1200 | 2200.3017 | 2200.3019 | 2200.3021 | | | 1200 | 2200.3267 | 2200.3269 | 2200.3271 |
| | | 1400 | 2200.3023 | 2200.3025 | 2200.3027 | | | 1400 | 2200.3273 | 2200.3275 | 2200.3277 |
| | | 1600 | 2200.3029 | 2200.3031 | 2200.3033 | | | 1600 | 2200.3279 | 2200.3281 | 2200.3283 |
| | | 1800 | 2200.3035 | 2200.3037 | 2200.3039 | | | 1800 | 2200.3285 | 2200.3287 | 2200.3289 |
| | | 2000 | 2200.3041 | 2200.3043 | 2200.3045 | | | 2000 | 2200.3291 | 2200.3293 | 2200.3295 |
| | | 2100 | 2200.3047 | 2200.3049 | 2200.3051 | | | 2100 | 2200.3297 | 2200.3299 | 2200.3301 |
| | | 2200 | 2200.3053 | 2200.3055 | 2200.3057 | | | 2200 | 2200.3303 | 2200.3305 | 2200.3307 |
| MDP2 | 400 | 1000 | 2200.3061 | 2200.3063 | 2200.3065 | MDP2 | 900 | 1000 | 2200.3311 | 2200.3313 | 2200.3315 |
| | | 1200 | 2200.3067 | 2200.3069 | 2200.3071 | | | 1200 | 2200.3317 | 2200.3319 | 2200.3321 |
| | | 1400 | 2200.3073 | 2200.3075 | 2200.3077 | | | 1400 | 2200.3323 | 2200.3325 | 2200.3327 |
| | | 1600 | 2200.3079 | 2200.3081 | 2200.3083 | | | 1600 | 2200.3329 | 2200.3331 | 2200.3333 |
| | | 1800 | 2200.3085 | 2200.3087 | 2200.3089 | | | 1800 | 2200.3335 | 2200.3337 | 2200.3339 |
| | | 2000 | 2200.3091 | 2200.3093 | 2200.3095 | | | 2000 | 2200.3341 | 2200.3343 | 2200.3345 |
| | | 2100 | 2200.3097 | 2200.3099 | 2200.3101 | | | 2100 | 2200.3347 | 2200.3349 | 2200.3351 |
| | | 2200 | 2200.3103 | 2200.3105 | 2200.3107 | | | 2200 | 2200.3353 | 2200.3355 | 2200.3357 |
| MDP2 | 500 | 1000 | 2200.3111 | 2200.3113 | 2200.3115 | MDP2 | 1000 | 1000 | 2200.3361 | 2200.3363 | 2200.3365 |
| | | 1200 | 2200.3117 | 2200.3119 | 2200.3121 | | | 1200 | 2200.3367 | 2200.3369 | 2200.3371 |
| | | 1400 | 2200.3123 | 2200.3125 | 2200.3127 | | | 1400 | 2200.3373 | 2200.3375 | 2200.3377 |
| | | 1600 | 2200.3129 | 2200.3131 | 2200.3133 | | | 1600 | 2200.3379 | 2200.3381 | 2200.3383 |
| | | 1800 | 2200.3135 | 2200.3137 | 2200.3139 | | | 1800 | 2200.3385 | 2200.3387 | 2200.3389 |
| | | 2000 | 2200.3141 | 2200.3143 | 2200.3145 | | | 2000 | 2200.3391 | 2200.3393 | 2200.3395 |
| | | 2100 | 2200.3147 | 2200.3149 | 2200.3151 | | | 2100 | 2200.3397 | 2200.3399 | 2200.3401 |
| | | 2200 | 2200.3153 | 2200.3155 | 2200.3157 | | | 2200 | 2200.3403 | 2200.3405 | 2200.3407 |
| MDP2 | 600 | 1000 | 2200.3161 | 2200.3163 | 2200.3165 | MDP2 | 1100 | 1000 | 2200.3411 | 2200.3413 | 2200.3415 |
| | | 1200 | 2200.3167 | 2200.3169 | 2200.3171 | | | 1200 | 2200.3417 | 2200.3419 | 2200.3421 |
| | | 1400 | 2200.3173 | 2200.3175 | 2200.3177 | | | 1400 | 2200.3423 | 2200.3425 | 2200.3427 |
| | | 1600 | 2200.3179 | 2200.3181 | 2200.3183 | | | 1600 | 2200.3429 | 2200.3431 | 2200.3433 |
| | | 1800 | 2200.3185 | 2200.3187 | 2200.3189 | | | 1800 | 2200.3435 | 2200.3437 | 2200.3439 |
| | | 2000 | 2200.3191 | 2200.3193 | 2200.3195 | | | 2000 | 2200.3441 | 2200.3443 | 2200.3445 |
| | | 2100 | 2200.3197 | 2200.3199 | 2200.3201 | | | 2100 | 2200.3447 | 2200.3449 | 2200.3451 |
| | | 2200 | 2200.3203 | 2200.3205 | 2200.3207 | | | 2200 | 2200.3453 | 2200.3455 | 2200.3457 |
| MDP2 | 700 | 1000 | 2200.3211 | 2200.3213 | 2200.3215 | MDP2 | 1200 | 1000 | 2200.3461 | 2200.3463 | 2200.3465 |
| | | 1200 | 2200.3217 | 2200.3219 | 2200.3221 | | | 1200 | 2200.3467 | 2200.3469 | 2200.3471 |
| | | 1400 | 2200.3223 | 2200.3225 | 2200.3227 | | | 1400 | 2200.3473 | 2200.3475 | 2200.3477 |
| | | 1600 | 2200.3229 | 2200.3231 | 2200.3233 | | | 1600 | 2200.3479 | 2200.3481 | 2200.3483 |
| | | 1800 | 2200.3235 | 2200.3237 | 2200.3239 | | | 1800 | 2200.3485 | 2200.3487 | 2200.3489 |
| | | 2000 | 2200.3241 | 2200.3243 | 2200.3245 | | | 2000 | 2200.3491 | 2200.3493 | 2200.3495 |
| | | 2100 | 2200.3247 | 2200.3249 | 2200.3251 | | | 2100 | 2200.3497 | 2200.3499 | 2200.3501 |
| | | 2200 | 2200.3253 | 2200.3255 | 2200.3257 | | | 2200 | 2200.3503 | 2200.3505 | 2200.3507 |

D



C



H



Double Lapped Door Enclosures

MODULAR2 Corner Enclosures

Standards of MODULAR2

► Features and Intended Purpose

- Compatible with Modular 2 standards
- Enclosure chamber enables the combination of enclosure coming from right wall to left wall
- Standard in accordance with mostly used five depth sizes
- They can be produced specific for different sizes.



| LIST NO | PRODUCT CODE | SIZE WIDTHxLENGHTxDEPTH | Enclosure DEPTH SIZE |
|---------|--------------|-------------------------|----------------------|
| 1 | 2200.3511 | 500x2100x380 | 400 |
| 2 | 2200.3513 | 500x2000x380 | |
| 3 | 2200.3515 | 500x1800x380 | |
| 4 | 2200.3517 | 600x2100x480 | 500 |
| 5 | 2200.3519 | 600x2000x480 | |
| 6 | 2200.3521 | 600x1800x480 | |
| 7 | 2200.3523 | 700x2100x580 | 600 |
| 8 | 2200.3525 | 700x2000x580 | |
| 9 | 2200.3527 | 700x1800x580 | |
| 10 | 2200.3529 | 800x2100x680 | 700 |
| 11 | 2200.3531 | 800x2000x680 | |
| 12 | 2200.3533 | 800x1800x680 | |
| 13 | 2200.3535 | 900x2100x780 | 800 |
| 14 | 2200.3537 | 900x2000x780 | |
| 15 | 2200.3539 | 900x1800x780 | |



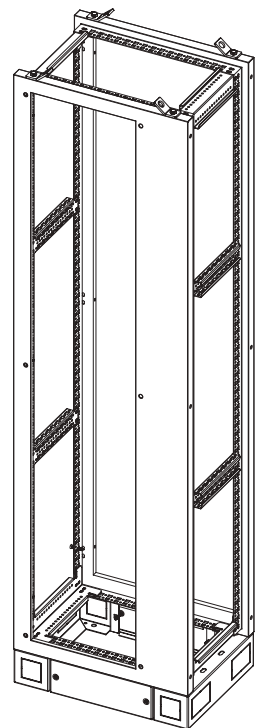
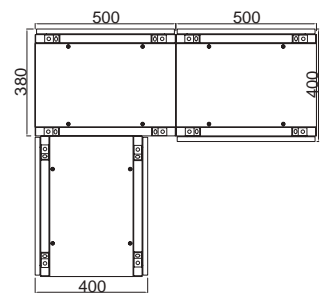
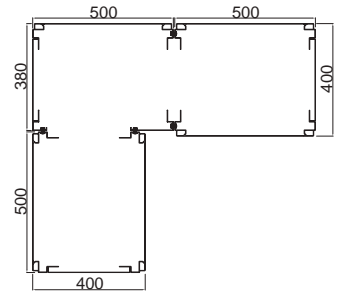
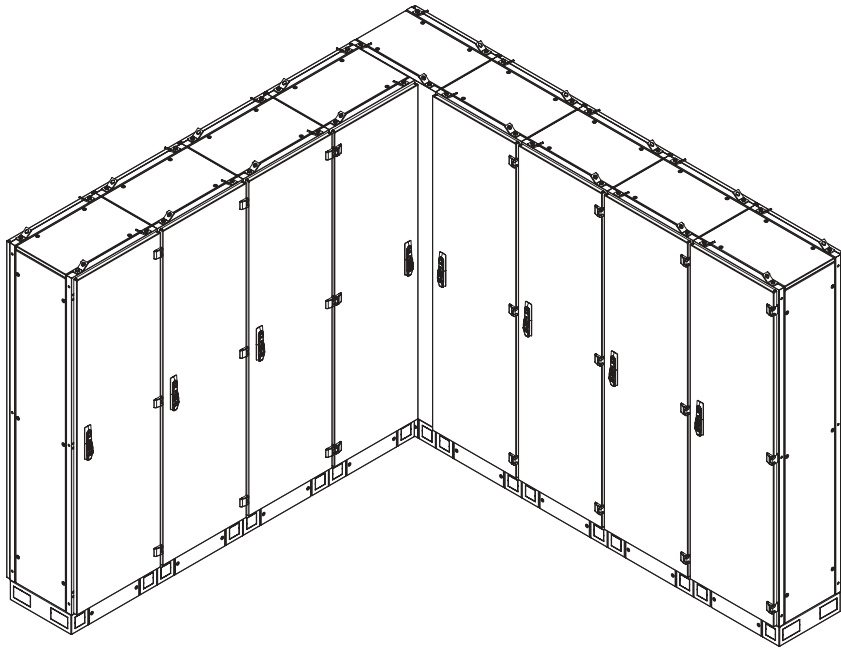
Modular 2 Carcass compartments are mounted with 6 screw set

4000.3343



4000.3187





Type of Shipment

MODULAR² Carcasses

Feature of packaging of all parts within carcass as disassembled which provides IP55 protection, eases shipment and storage.



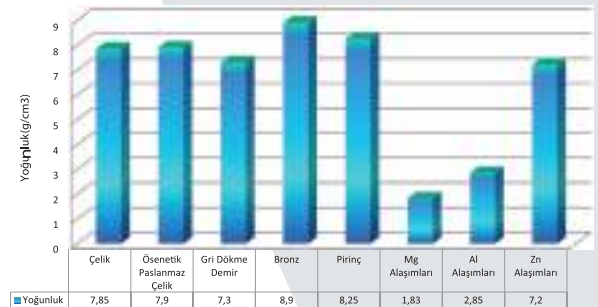
Technical Specification of the Sheet Metals Used

Low carbon “zinc-covered” galvanized steels pursuant to DIN EN 10346 DX51D+Z Cold shaping

Durability difference of the steel against other materials.

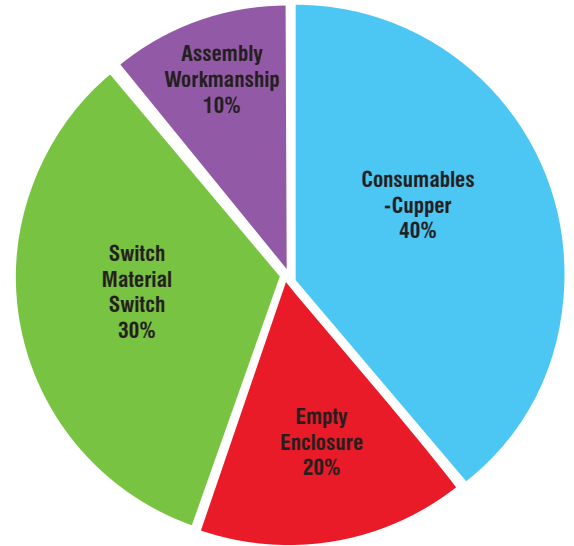
| Aloy | Density (gr/cm ³) | Melting Point (C) | Tensile Strenght (N/mm ²) |
|----------------------------|-------------------------------|-------------------|---------------------------------------|
| Steel | 7.7 - 7.85 | 1.450 - 1.520 | 340 - 1.800 |
| Grey Cast Iron | 7.1 - 7.3 | 1.150 - 1.250 | 150 - 400 |
| Austenitic Stainless Steel | 7.8 - 7.9 | 1.440 - 1.460 | 600 - 800 |
| Mg Aloys | 1.8 - 1.83 | 590 - 650 | 180 - 300 |
| Al Aloys | 2.6 - 2.85 | 270 - 655 | 100 - 400 |
| Zn Aloys | 5.7 - 7.2 | 380 - 420 | 140 - 300 |
| Brass | 8.25 | 900 - 950 | 250 - 600 |
| Bronze | 8.56 - 8.9 | 880 - 1.040 | 200 - 300 |

Density

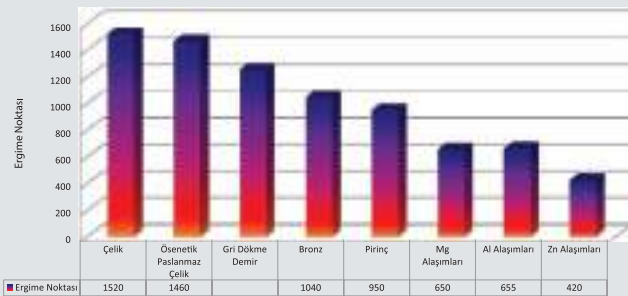


MODULAR² Carcasses

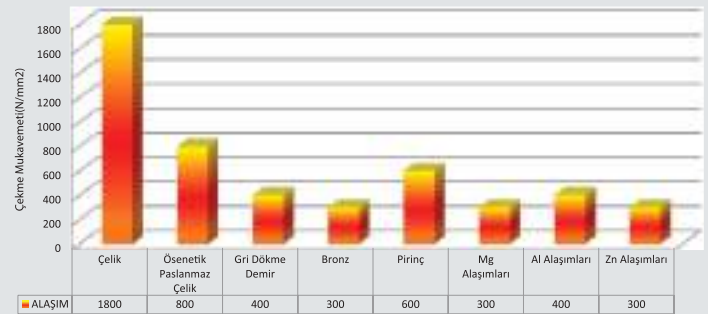
4000 A. LV AVERAGE COST GRAPH

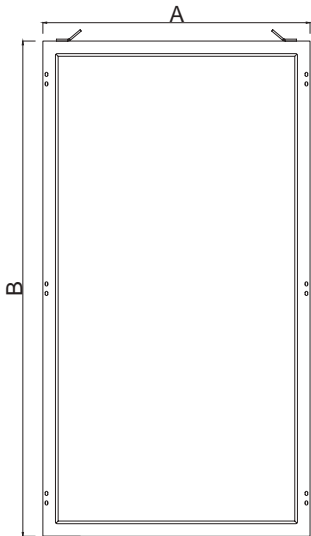
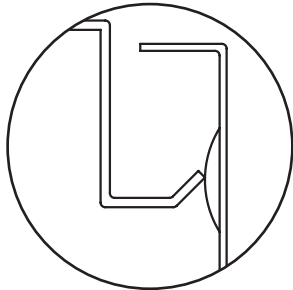
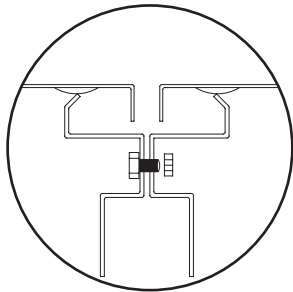


Melting Point



Tensile Strenth





MODULAR² Carcasses

Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 2mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 45x22xexternally twist dimensions

► Features and Intended Purpose

- Square welded carcass
- Hinge lock holes compatible with right-left and upper-bottom uses
- 10 mm screw holes compatible with cassette joints
- 45o convex shape preventing water and dust entry during rainfall
- 45o –twist embracing the polyurethane seal
- Side cover design with lateral depth part, which prevents interference with each other
- They ensure IP65 protection with polyurethane liquid pouring seal at a level where side and lower-upper covers fit
- Use of 100% galvanized sheet against corrosion
- Opportunity of packaging all parts into carcass
- Varying depth enables low-cost transportation



For transportation purposes; Carcass joint is mounted with 8 set screws

4000.3187



M8 NUT

4000.3267



M8x15 SCREW

MDP:101-01



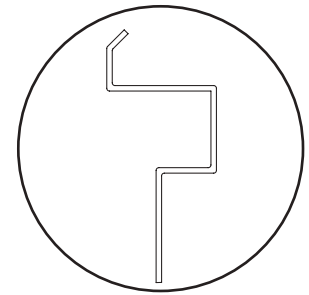
ASSEMBLY PLATE

| LIST NO | PART CODE | Enclosure SIZE | | WEIGHT (kg) | CARCASS LENGTH SIZE (mm) |
|---------|-----------|----------------|-----------------------|-------------|--------------------------|
| | | WIDTH | LENGHT | | |
| 1 | 2220.1001 | 300 | BOARD BASE 1000 | 5,476 | DASHBOARD 900 |
| 2 | 2220.1003 | 400 | | 5,920 | |
| 3 | 2220.1005 | 500 | | 6,380 | |
| 4 | 2220.1007 | 600 | | 6,840 | |
| 5 | 2220.1009 | 700 | | 7,300 | |
| 6 | 2220.1011 | 800 | | 7,760 | |
| 7 | 2220.1013 | 900 | | 8,220 | |
| 8 | 2220.1015 | 1000 | | 8,680 | |
| 9 | 2220.1017 | 1100 | | 9,140 | |
| 10 | 2220.1019 | 1200 | | 9,600 | |

| LIST NO | PART CODE | Enclosure SIZE | | WEIGHT (kg) | CARCASS LENGTH SIZE (mm) |
|---------|-----------|----------------|-----------------------|-------------|--------------------------|
| | | WIDTH | LENGHT | | |
| 1 | 2220.1021 | 300 | BOARD BASE 1200 | 6,396 | DASHBOARD 1100 |
| 2 | 2220.1023 | 400 | | 5,920 | |
| 3 | 2220.1025 | 500 | | 6,380 | |
| 4 | 2220.1027 | 600 | | 6,840 | |
| 5 | 2220.1029 | 700 | | 7,300 | |
| 6 | 2220.1031 | 800 | | 7,760 | |
| 7 | 2220.1033 | 900 | | 8,220 | |
| 8 | 2220.1035 | 1000 | | 8,680 | |
| 9 | 2220.1037 | 1100 | | 10,060 | |
| 10 | 2220.1039 | 1200 | | 10,520 | |

| LIST NO | PART CODE | Enclosure SIZE | | WEIGHT (kg) | CARCASS LENGTH SIZE (mm) |
|---------|-----------|----------------|-----------------------|-------------|--------------------------|
| | | WIDTH | LENGHT | | |
| 1 | 2220.1041 | 300 | BOARD BASE 1400 | 7,310 | DASHBOARD 1300 |
| 2 | 2220.1043 | 400 | | 5,920 | |
| 3 | 2220.1045 | 500 | | 6,380 | |
| 4 | 2220.1047 | 600 | | 6,840 | |
| 5 | 2220.1049 | 700 | | 7,300 | |
| 6 | 2220.1051 | 800 | | 7,760 | |
| 7 | 2220.1053 | 900 | | 8,220 | |
| 8 | 2220.1055 | 1000 | | 8,680 | |
| 9 | 2220.1057 | 1100 | | 10,980 | |
| 10 | 2220.1059 | 1200 | | 11,440 | |

MODULAR² Carcasses



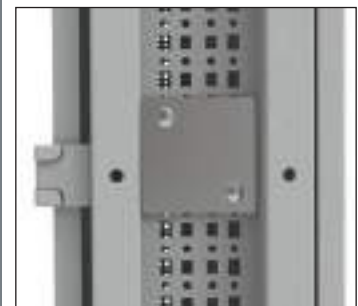
| LIST NO | PART CODE | Enclosure SIZE | | WEIGHT (kg) | CARCASS LENGTH SIZE (mm) |
|---------|-----------|----------------|-----------------------|-------------|--------------------------|
| | | WIDTH | LENGHT | | |
| 1 | 2220.1061 | 300 | BOARD BASE 1600 | 7,310 | DASHBOARD 1500 |
| 2 | 2220.1063 | 400 | | 5,920 | |
| 3 | 2220.1065 | 500 | | 6,380 | |
| 4 | 2220.1067 | 600 | | 6,840 | |
| 5 | 2220.1069 | 700 | | 7,300 | |
| 6 | 2220.1071 | 800 | | 7,760 | |
| 7 | 2220.1073 | 900 | | 8,220 | |
| 8 | 2220.1075 | 1000 | | 8,680 | |
| 9 | 2220.1077 | 1100 | | 10,980 | |
| 10 | 2220.1079 | 1200 | | 11,440 | |

| LIST NO | PART CODE | Enclosure SIZE | | WEIGHT (kg) | CARCASS LENGTH SIZE (mm) |
|---------|-----------|----------------|-----------------------|-------------|--------------------------|
| | | WIDTH | LENGHT | | |
| 1 | 2220.1081 | 300 | BOARD BASE 1800 | 9,150 | DASHBOARD 1700 |
| 2 | 2220.1083 | 400 | | 9,600 | |
| 3 | 2220.1085 | 500 | | 10,060 | |
| 4 | 2220.1087 | 600 | | 10,520 | |
| 5 | 2220.1089 | 700 | | 10,980 | |
| 6 | 2220.1091 | 800 | | 11,440 | |
| 7 | 2220.1093 | 900 | | 11,900 | |
| 8 | 2220.1095 | 1000 | | 12,360 | |
| 9 | 2220.1097 | 1100 | | 12,820 | |
| 10 | 2220.1099 | 1200 | | 13,280 | |

| LIST NO | PART CODE | Enclosure SIZE | | WEIGHT (kg) | CARCASS LENGTH SIZE (mm) |
|---------|-----------|----------------|-----------------------|-------------|--------------------------|
| | | WIDTH | LENGHT | | |
| 1 | 2220.1101 | 300 | BOARD BASE 2000 | 10,080 | DASHBOARD 1900 |
| 2 | 2220.1103 | 400 | | 10,530 | |
| 3 | 2220.1105 | 500 | | 10,990 | |
| 4 | 2220.1107 | 600 | | 11,450 | |
| 5 | 2220.1109 | 700 | | 11,910 | |
| 6 | 2220.1111 | 800 | | 12,370 | |
| 7 | 2220.1113 | 900 | | 12,830 | |
| 8 | 2220.1115 | 1000 | | 13,290 | |
| 9 | 2220.1117 | 1100 | | 13,740 | |
| 10 | 2220.1119 | 1200 | | 14,166 | |

| LIST NO | PART CODE | Enclosure SIZE | | WEIGHT (kg) | CARCASS LENGTH SIZE (mm) |
|---------|-----------|----------------|-----------------------|-------------|--------------------------|
| | | WIDTH | LENGHT | | |
| 1 | 2220.1121 | 300 | BOARD BASE 2100 | 10,520 | DASHBOARD 2000 |
| 2 | 2220.1123 | 400 | | 10,970 | |
| 3 | 2220.1125 | 500 | | 11,430 | |
| 4 | 2220.1127 | 600 | | 11,890 | |
| 5 | 2220.1129 | 700 | | 12,350 | |
| 6 | 2220.1131 | 800 | | 12,810 | |
| 7 | 2220.1133 | 900 | | 13,270 | |
| 8 | 2220.1135 | 1000 | | 13,730 | |
| 9 | 2220.1137 | 1100 | | 14,190 | |
| 10 | 2220.1139 | 1200 | | 14,650 | |

| LIST NO | PART CODE | Enclosure SIZE | | WEIGHT (kg) | CARCASS LENGTH SIZE (mm) |
|---------|-----------|----------------|-----------------------|-------------|--------------------------|
| | | WIDTH | LENGHT | | |
| 1 | 2220.1141 | 300 | BOARD BASE 2200 | 10,980 | DASHBOARD 2100 |
| 2 | 2220.1143 | 400 | | 11,430 | |
| 3 | 2220.1145 | 500 | | 11,890 | |
| 4 | 2220.1147 | 600 | | 12,350 | |
| 5 | 2220.1149 | 700 | | 12,810 | |
| 6 | 2220.1151 | 800 | | 13,270 | |
| 7 | 2220.1153 | 900 | | 13,730 | |
| 8 | 2220.1155 | 1000 | | 14,190 | |
| 9 | 2220.1157 | 1100 | | 14,650 | |
| 10 | 2220.1159 | 1200 | | 15,110 | |



Type of Shipment

Modular 2 Carcass compartments are mounted with a set of 6 screws

4000.3343

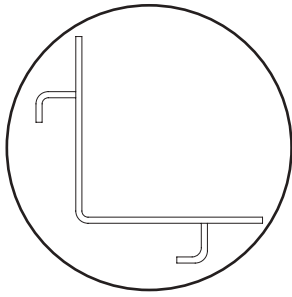


M8X15
SWITCH-HEAD SCREW

4000.3187



M8 NUT



MODULAR² Upper-Lower Joints (Enclosure (or enclosure) with CHP)

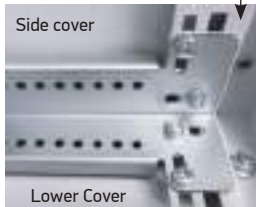
Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 1.5 mm
 Paint : Non-painted



► Features and Intended Purpose

- Feature not blocking the IP55-IP65 protection
- Joint with M6 nut or guide-screw
- Fitting lower-upper and side covers with IP65 joint
- With lower closer screw hole

Area where seal seats



| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1171 | 300 | 0,455 | 243 |
| 2 | 2220.1173 | 400 | 0,548 | 293 |
| 3 | 2220.1175 | 500 | 0,735 | 393 |
| 4 | 2220.1177 | 600 | 0,922 | 493 |
| 5 | 2220.1179 | 700 | 1,110 | 593 |
| 6 | 2220.1181 | 800 | 1,297 | 693 |

One compartment-chamber is mounted with 16 set screw

4000.3185



M6 NUT

4000.3265



M6x10 SCREW

4000.3427



M6x10
Torque-Head
Guide Screw



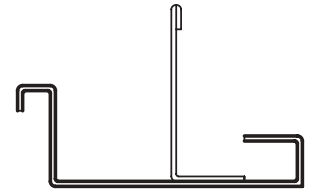
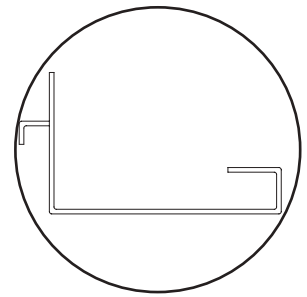
Easy joint with m6x10 guide screw, strengthening against all seismic impacts during handling and transportation with m6x10 nut-channel screw

MODULAR²

Lower Joints

(For Longitudinal Assembly plate enclosures)

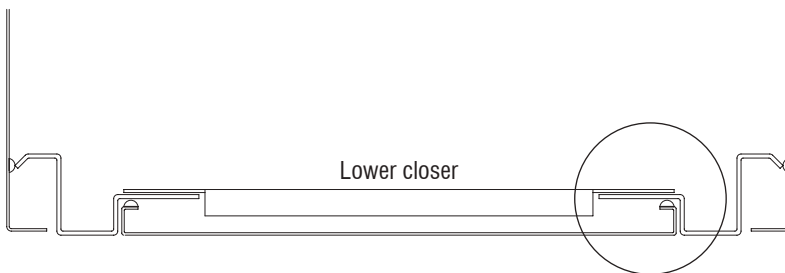
Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 1.5 mm
 Paint : Non-painted



► Features and Intended Purpose

- Feature not blocking the IP55-IP65 protection
- Joint with M6 nut or guide-screw
- Fitting lower-upper and side covers with IP65 joint
- With lower closer screw hole
- For performing rail assembly

| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1191 | 300 | 0,758 | 243 |
| 2 | 2220.1193 | 400 | 0,914 | 293 |
| 3 | 2220.1195 | 500 | 1,226 | 393 |
| 4 | 2220.1197 | 600 | 1,538 | 493 |
| 5 | 2220.1199 | 700 | 1,850 | 593 |
| 6 | 2220.1201 | 800 | 2,162 | 693 |



Lower part of one compartment-enclosure with assembly plate is mounted with 12 set screw

4000.3185



M6 NUT

4000.3265



M6x10 SCREW

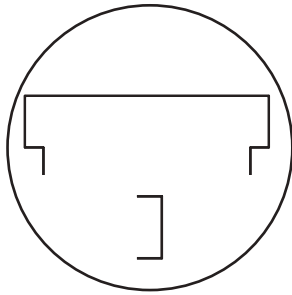
4000.3427



Lower part of one compartment-enclosure with assembly plate is mounted with 4 set screw




M6x10
Torque-Head
Guide Screw





| | |
|------------------------------------------------------------------------------------|-------------|
| One compartment plinth is mounted with 4 set screw | |
| 4000.3187 | M8 NUT |
|  | |
| 4000.3267 | M8x15 SCREW |
|  | |

| | |
|-------------------------------------------------------------------------------------|-------------|
| Plinth with one compartment is mounted with a set of 4 screws | |
| 4000.3223 | M6 CAGE NUT |
|  | |
| 4000.3409 | M6x30 YHB |
|  | |



MODULAR2 Right-Left Plinths

Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 2 mm
 Paint : RAL 7035 Epoxy Polyester
 RAL 9005 Black (Optional)



► Features and Intended Purpose

- Option of plinth with corner part and right-left screw
- Ensuring complete strength towards enclosure depth
- Cable entries with joint broken with hammer at sides
- Front-back closers can be disassembled and assembled with two screws
- Front and back cable entries with joint in a 100x100 mm area

| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1211 | 300 | 1,491 | 257 |
| 2 | 2220.1213 | 400 | 1,769 | 357 |
| 3 | 2220.1215 | 500 | 2,045 | 457 |
| 4 | 2220.1217 | 600 | 2,324 | 557 |
| 5 | 2220.1219 | 700 | 2,602 | 657 |
| 6 | 2220.1221 | 800 | 2,880 | 757 |

One part foot system increases the strength towards depth.



MODULAR²



Square Part Plinth

Plinth closers corresponding to the right and left sides can be made upon request



| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1231 | KÖŞE | 0,777 | 100 |

One compartment plinth is mounted with 4 set screw

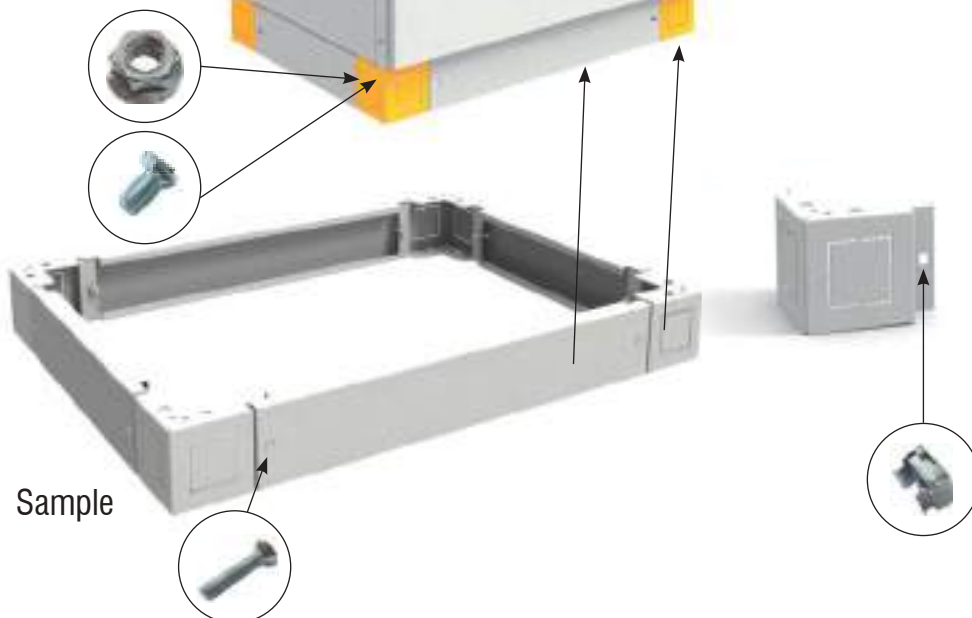
| | |
|-------------------------------------------------------------------------------------|-------------|
| 4000.3187 | M8 NUT |
|  | |
| 4000.3267 | M8x15 SCREW |
|  | |

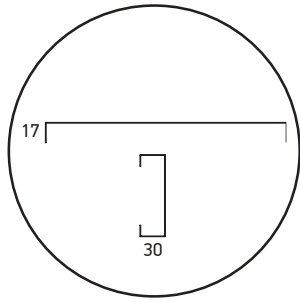


Optional corner chock for cable entries at side

Plinth with one compartment is mounted with a set of 8 screws

| | |
|-------------------------------------------------------------------------------------|-------------|
| 4000.3223 | M6 CAGE NUT |
|  | |
| 4000.3409 | M6x30 YHB |
|  | |





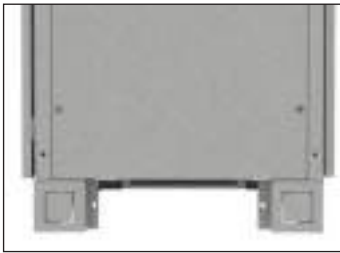
MODULAR2 Right-Left Plinth Covers

Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester





► Features and Intended Purpose

- Easy disassembly and assembly with two screw
- Double-twisted for strength
- Right and left opening covers with square-part plinth



| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1241 | 400 | 0,310 | 152 |
| 2 | 2220.1243 | 500 | 0,480 | 252 |
| 3 | 2220.1245 | 600 | 0,650 | 352 |
| 4 | 2220.1247 | 700 | 0,810 | 452 |
| 5 | 2220.1249 | 800 | 0,980 | 552 |

| | |
|-------------------------------------------------------------------------------------|-------------|
| Front-back plinth is mounted with 4 set screw | |
| 4000.3223 | M6 CAGE NUT |
|  | |
| 4000.3409 | M6x30 YHB |
|  | |



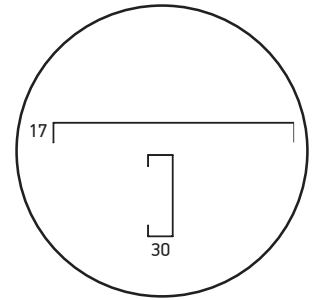
MODULAR²

Right-Left Plinth Covers

Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester

► Features and Intended Purpose

- Easy disassembly and assembly with two screw
- Double-twisted for strength
- Right and left fixed front-back covers

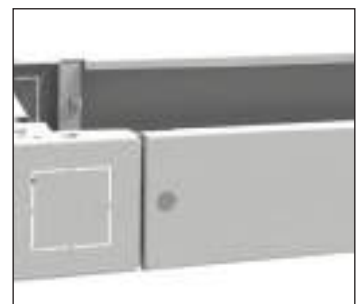


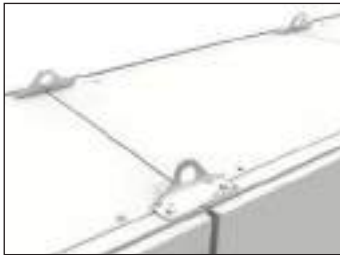
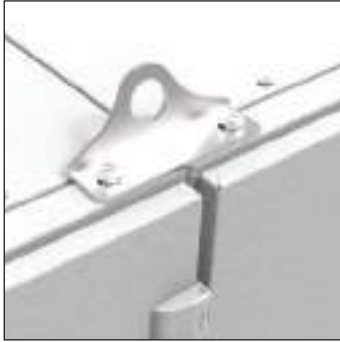
| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1271 | 300 | 0,260 | 92 |
| 2 | 2220.1273 | 400 | 0,468 | 192 |
| 3 | 2220.1275 | 500 | 0,676 | 292 |
| 4 | 2220.1277 | 600 | 0,885 | 392 |
| 5 | 2220.1279 | 700 | 1,093 | 492 |
| 6 | 2220.1281 | 800 | 1,301 | 592 |
| 7 | 2220.1283 | 900 | 1,509 | 692 |
| 8 | 2220.1285 | 1000 | 1,718 | 792 |
| 9 | 2220.1287 | 1100 | 1,926 | 892 |
| 10 | 2220.1289 | 1200 | 2,134 | 992 |





Front-back plinth is mounted with 4 set screw

| | |
|-----------|-------------|
| 4000.3223 | M6 CAGE NUT |
| 4000.3409 | M6x30 YHB |





| | |
|-------------------------------------------------------------------------------------|--------------|
| Unified Enclosure Carrying Eyebolt is mounted with 1 piece of 2 set screw | |
| 4000.3189 | M10 NUT |
|  | |
| 4000.3245 | M10x20 SCREW |
|  | |

MODULAR²

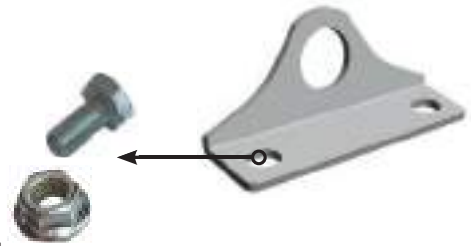
Unified Enclosure Carrier Eyebolt

PART CODE: 2210.0003

Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 5.0 mm
 Paint : Zinc-covered
 Sizes : 135x55x30x5 mm

► Features and Intended Purpose

- Rising hole diameter 30 mm
- Inclined towards rising center
- Unified and mounted enclosure weight carrying capacity
- Prevents unified enclosures to escape from their square



| LIST NO | PART CODE | PART DESCRIPTION | INTENDED USE | WEIGHT (kg) | PIECES |
|---------|-----------|------------------|-------------------|-------------|--------|
| 1 | 2210.0003 | CARRYING EYEBOLT | UNIFIED Enclosure | 0,217 | 4 |



MODULAR²

Raising Eyebolt (Circle)

Sheet Metal : DKP
 Thickness : Sheet Thickness of 4.0 mm
 Paint : Zinc-covered
 Sizes : 70x30x4 mm

► Features and Intended Purpose

- Rising hole diameter 30 mm
- Inclined towards raising center
- Big eyebolt option for big enclosures and small for small ones



| LIST NO | PART CODE | PART DESCRIPTION | INTENDED USE | WEIGHT (kg) | PIECES |
|---------|-----------|------------------|--------------------|-------------|--------|
| 1 | 2210.0008 | CARRIER EYEBOLT | TO CARRY Enclosure | 0,082 | 4 |

MODULAR² Raising Eyebolt

Sheet Metal : DKP
 Thickness : Sheet Thickness of 4.0 mm
 Paint : Zinc-covered
 Sizes : 70x30x4 mm (small)



► Features and Intended Purpose

Rising hole diameter 30 mm
 Inclined towards raising center
 Big eyebolt option for big enclosures and small for small ones

| LIST NO | PART CODE | PART DESCRIPTION | INTENDED USE | WEIGHT (kg) | PIECES |
|---------|-----------|------------------|-------------------------|-------------|--------|
| 1 | 2210.0005 | CARRIER EYEBOLT | FOR Enclosure TRANSPORT | 0,082 | 4 |

MODULAR² Raising Eyebolt

Sheet Metal : DKP
 Thickness : Sheet Thickness of 4.0 mm
 Paint : Zinc-covered
 Sizes : 70x40x4 mm (b'g)



► Features and Intended Purpose

Rising hole diameter 20 mm
 Inclined towards raising center
 Big eyebolt option for big enclosures and small for small ones

| LIST NO | PART CODE | PART DESCRIPTION | INTENDED USE | WEIGHT (kg) | PIECES |
|---------|-----------|------------------|-------------------------|-------------|--------|
| 1 | 2210.0007 | CARRIER EYEBOLT | FOR Enclosure TRANSPORT | 0,109 | 4 |

MODULAR² Raising Washer

Sheet Metal: Galvanized
 Thickness : Sheet Thickness of 2.0 mm
 Paint : None
 Sizes : 50x25x2 mm



► Features and Intended Purpose

To avoid the carcass to bend-twist and tear during raising

| LIST NO | PART CODE | PART DESCRIPTION | INTENDED USE | WEIGHT (kg) | PIECES |
|---------|-----------|------------------|------------------------------|-------------|--------|
| 1 | 2210.0009 | EYEBOLT WASHER | EYEBOLT STRENGTHENING WASHER | 0,019 | 4 |



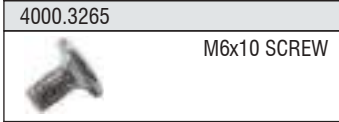
At the places where the ceiling height is low, non-break flexible eyebolt due to the tension



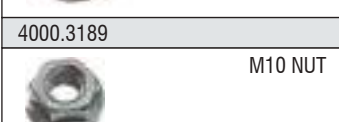
MODULAR2 Carcass Joint Screws and Plastic Hole Closing Eyebolts



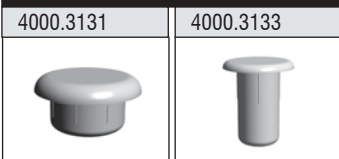
Carcass is mounted with 16 set screw



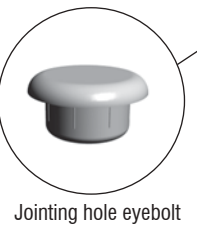
One compartment enclosure is mounted with 4 set screw



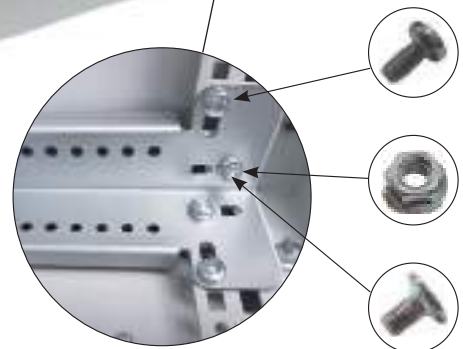
Plinth with one compartment is mounted with a set of 4 screws



Carcass with one compartment is mounted with a set of 6 screws



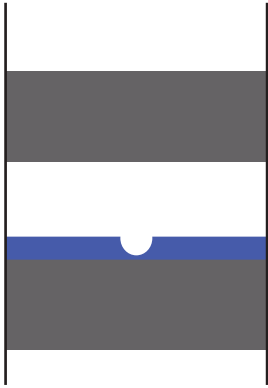
Circle eyebolt option



Technical Specifications of Sheets Used

Galvanized steels with low-carbon “zinc-cover” pursuant to the DIN EN 10346 Dx51D+Z Cold shaping.

Durability difference of galvanized cover compared to other covers.



1- In hot dipping galvanize; zinc continues the reaction on the damaged surface. It prevents the corrosion to reach the steel. In a manner, it heals its own wound. Corrosion does not expand.



2- In paint applications; rusting starts immediately and the progress into the internal parts of the iron, fast. The rusting continues till the repair. Therefore, the painting application should be repeated over and over.



3- Other metallic covers; include mainly nickel, chrome, copper and brass covers. Since these metals are stronger than the iron, they resist to the damage by themselves. However, since the iron they protect is much softer, the iron rusts internally prior to the covering.

Make the steel to gain more and more lifetime

The benefits of hot dip galvanizing (HDG), whose lifetime can be estimated in any kind of environment, and which has long lifetime even if in the most challenging atmospheric conditions have been proven with researches and experiences of the years. It is resistant for at least 10-20 years in the most heavy industries and sea environment, and more than 25 years in less harmful environments without requiring maintenance and repair. Even if in the conditions requiring maintenance, the procedure to be applied is simpler than the other protection methods.

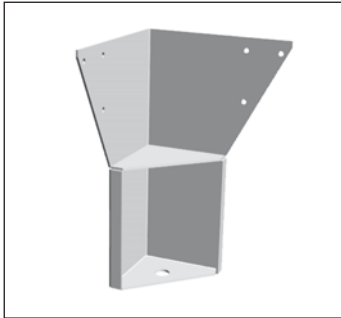
MODULAR2 Plinth Raisings

Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 2.0 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 45x22 convex sizes



► Features and Intended Purpose

- Additional foot for raising the enclosure above ground at the places with flood risk and moisture
- Easy screwing with six drilling-bit screws
- Weight carrying Contact Hazard Protection
- Low-cost raising



| LIST NO | PART CODE | ADDITIONAL FOOT LENGTH (mm) | WEIGHT (kg) | PIECES (mm) |
|---------|-----------|-----------------------------|-------------|-------------|
| 1 | 2220.1321 | 100 | 1,930 | 200 |
| 2 | 2220.1323 | 200 | 2,305 | 300 |
| 3 | 2220.1325 | 250 | 2,492 | 350 |
| 4 | 2220.1327 | 300 | 2,679 | 400 |



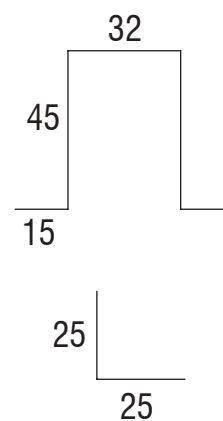
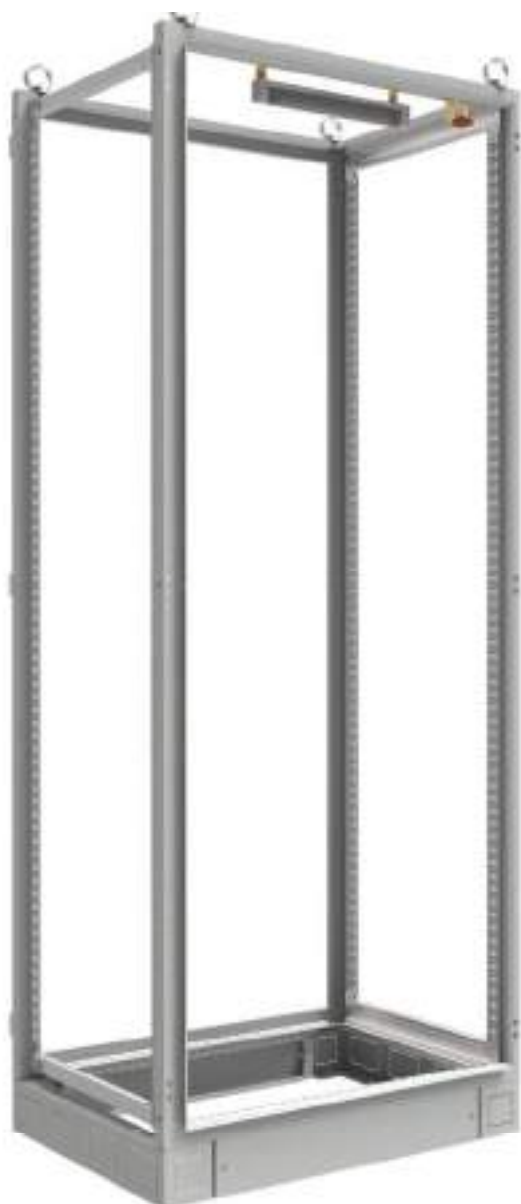
Plinth raising screw is mounted with 24 set screw

4000.3269

MODULAR2

Enclosure Internal Lighting Switch and Lamp Brackets

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) | PIECES (mm) |
|---------|-----------|-------------------------|-------------|-------------|
| 1 | 2210.0011 | LAMP ASSEMBLY BRACKET | 1,930 | 200 |
| 2 | 2210.0013 | SWITCH ASSEMBLY BRACKET | 2,305 | 300 |

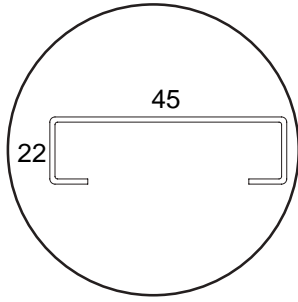


2210.0011



2210.0013





MODULAR² Depth Lateral Connections

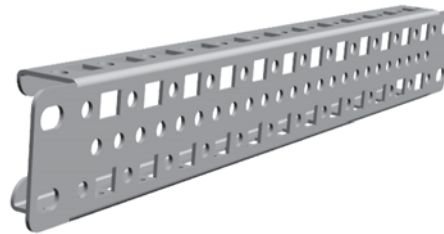
Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 45x22 convex sizes

► Features and Intended Purpose

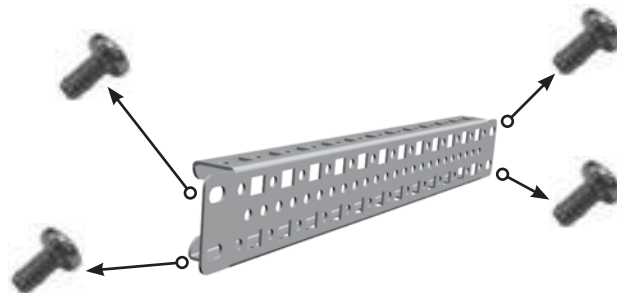
With high strength, twisted
 Screwing with any desired mm depth range
 Busbar carrier can be mounted at top and bottom
 Mounting option with M6 guide screw or M6 nut screw

| | |
|------------------------------------------------|-----------------------------|
| Lateral connection is mounted with 4 set screw | |
| 4000.3427 | M6X10 TORQUE HEAD GUIDE NUT |
| Lateral connection is mounted with 4 set screw | |
| 4000.3185 | M6 NUT |
| 4000.3265 | M6x10 SCREW |

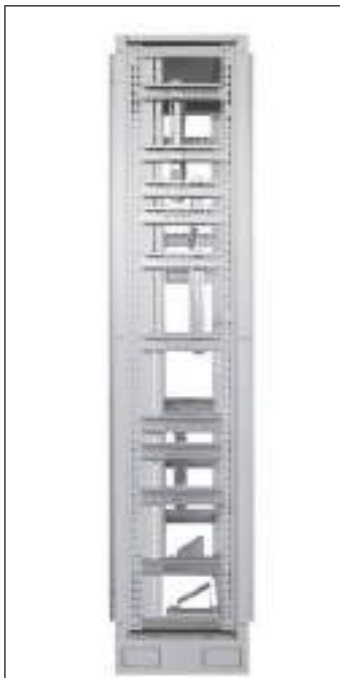
| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1301 | 300 | 0,178 | 152 |
| 2 | 2220.1303 | 400 | 0,295 | 252 |
| 3 | 2220.1305 | 500 | 0,412 | 352 |
| 4 | 2220.1307 | 600 | 0,529 | 452 |
| 5 | 2220.1309 | 700 | 0,645 | 552 |
| 6 | 2220.1311 | 800 | 0,762 | 652 |



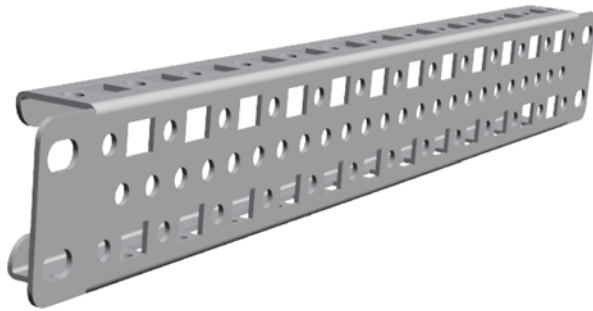
Option of M6x10 screw and nut assembly where pneumatic devices cannot operate



Option of splayed busbar isolator assembly for lateral connection



Depth Lateral Connection Assembly Appearance



MODULAR² Parted Assembly Plates

To ensure frontward and backward movements of materials with different depths.



MODULAR² Parted Assembly Plates

Sheet Metal: Galvanized sheet
 Thickness : Sheet Thickness of 1.5 mm
 Paint : Unpainted
 Sizes : 10x15 mm double-twisted

► Features and Intended Purpose

- Switch material holes are not drilled for the drilling need desired.
- With sizes of 50-100-150-200-250-300 mm.
- Assembly opportunity to the vertical carrier with M6 guide screw or M6 nut-screw.
- Double-twisted option provides strength and avoids injuries.
- Feature of bottom and upper adjustment.

| Chart of Assembly Plate Screw Pieces | | |
|--------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------|
| 4000.3185 | M6 NUT | 50 mm assembly plate with 2 set screw 100 mm assembly plate with 4 set screw 150 mm assembly plate with 4 set screw |
| 4000.3265 | M6x10 SCREW | 250 mm assembly plate with 4 set screw 200 mm assembly plate with 6 set screw |

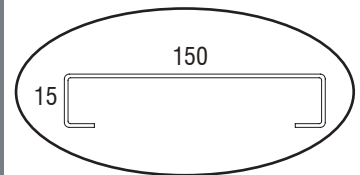
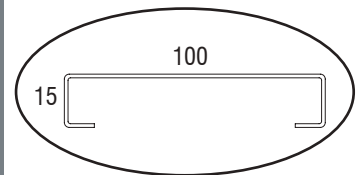
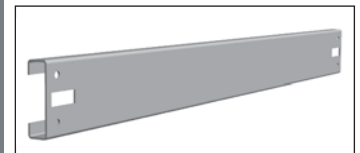
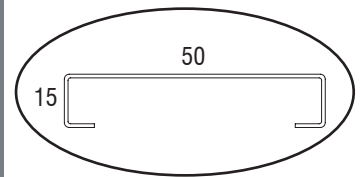
| 50 mm | | | | |
|---------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1341 | 300 | 0,280 | 240 |
| 2 | 2220.1343 | 400 | 0,397 | 340 |
| 3 | 2220.1345 | 500 | 0,514 | 440 |
| 4 | 2220.1347 | 600 | 0,631 | 540 |
| 5 | 2220.1349 | 700 | 0,748 | 640 |
| 6 | 2220.1351 | 800 | 0,865 | 740 |
| 7 | 2220.1353 | 900 | 0,982 | 840 |
| 8 | 2220.1355 | 1000 | 1,099 | 940 |
| 9 | 2220.1357 | 1100 | 1,216 | 1040 |
| 10 | 2220.1359 | 1200 | 1,333 | 1140 |

| 100 mm | | | | |
|---------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1371 | 300 | 0,421 | 240 |
| 2 | 2220.1373 | 400 | 0,596 | 340 |
| 3 | 2220.1375 | 500 | 0,772 | 440 |
| 4 | 2220.1377 | 600 | 0,947 | 540 |
| 5 | 2220.1379 | 700 | 1,123 | 640 |
| 6 | 2220.1381 | 800 | 1,298 | 740 |
| 7 | 2220.1383 | 900 | 1,474 | 840 |
| 8 | 2220.1385 | 1000 | 1,649 | 940 |
| 9 | 2220.1387 | 1100 | 1,825 | 1040 |
| 10 | 2220.1389 | 1200 | 2,000 | 1140 |

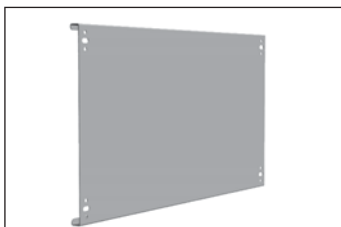
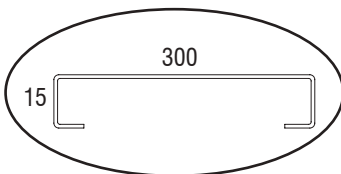
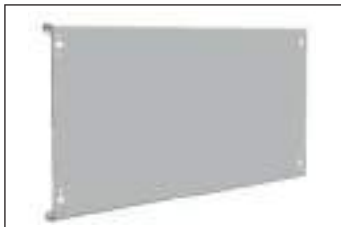
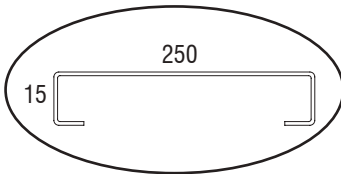
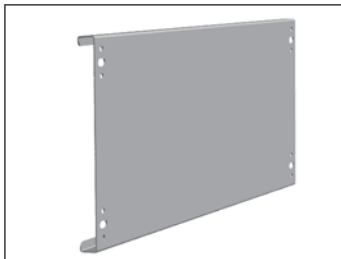
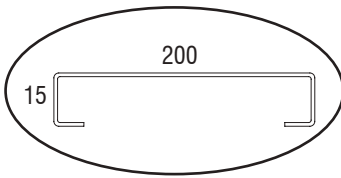
| 150 mm | | | | |
|---------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1401 | 300 | 0,561 | 240 |
| 2 | 2220.1403 | 400 | 0,795 | 340 |
| 3 | 2220.1405 | 500 | 1,029 | 440 |
| 4 | 2220.1407 | 600 | 1,263 | 540 |
| 5 | 2220.1409 | 700 | 1,497 | 640 |
| 6 | 2220.1411 | 800 | 1,731 | 740 |
| 7 | 2220.1413 | 900 | 1,965 | 840 |
| 8 | 2220.1415 | 1000 | 2,199 | 940 |
| 9 | 2220.1417 | 1100 | 2,433 | 1040 |
| 10 | 2220.1419 | 1200 | 2,667 | 1140 |



2210.0015



MODULAR²
Parted Assembly Plates



200 mm

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1431 | 300 | 0,702 | 240 |
| 2 | 2220.1433 | 400 | 0,994 | 340 |
| 3 | 2220.1435 | 500 | 1,287 | 440 |
| 4 | 2220.1437 | 600 | 1,579 | 540 |
| 5 | 2220.1439 | 700 | 1,872 | 640 |
| 6 | 2220.1441 | 800 | 2,165 | 740 |
| 7 | 2220.1443 | 900 | 2,457 | 840 |
| 8 | 2220.1445 | 1000 | 2,749 | 940 |
| 9 | 2220.1447 | 1100 | 3,042 | 1040 |
| 10 | 2220.1449 | 1200 | 3,334 | 1140 |

250 mm

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1461 | 300 | 0,842 | 240 |
| 2 | 2220.1463 | 400 | 1,193 | 340 |
| 3 | 2220.1465 | 500 | 1,540 | 440 |
| 4 | 2220.1467 | 600 | 1,895 | 540 |
| 5 | 2220.1469 | 700 | 2,246 | 640 |
| 6 | 2220.1471 | 800 | 2,597 | 740 |
| 7 | 2220.1473 | 900 | 2,948 | 840 |
| 8 | 2220.1475 | 1000 | 3,299 | 940 |
| 9 | 2220.1477 | 1100 | 3,650 | 1040 |
| 10 | 2220.1479 | 1200 | 4,001 | 1140 |

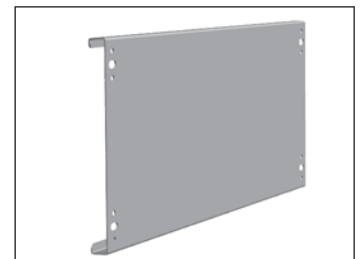
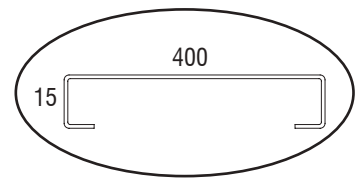
300 mm

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1491 | 300 | 0,982 | 240 |
| 2 | 2220.1493 | 400 | 1,392 | 340 |
| 3 | 2220.1495 | 500 | 1,801 | 440 |
| 4 | 2220.1497 | 600 | 2,211 | 540 |
| 5 | 2220.1499 | 700 | 2,620 | 640 |
| 6 | 2220.1501 | 800 | 3,030 | 740 |
| 7 | 2220.1503 | 900 | 3,400 | 840 |
| 8 | 2220.1505 | 1000 | 3,840 | 940 |
| 9 | 2220.1507 | 1100 | 4,258 | 1040 |
| 10 | 2220.1509 | 1200 | 4,668 | 1140 |

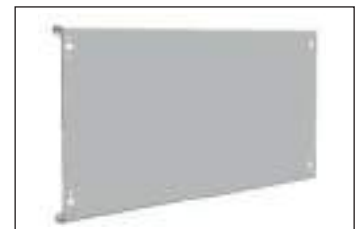
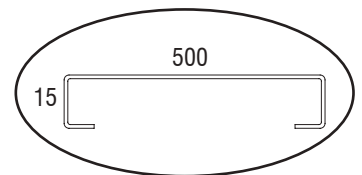
MODULAR² Parted Assembly Plates



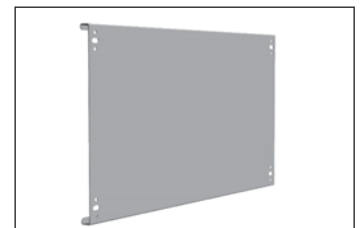
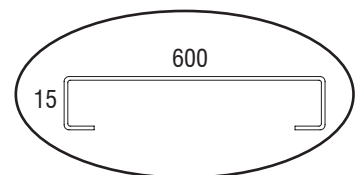
| 400 mm | | | | |
|---------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1521 | 300 | 1,270 | 240 |
| 2 | 2220.1523 | 400 | 1,800 | 340 |
| 3 | 2220.1525 | 500 | 2,330 | 440 |
| 4 | 2220.1527 | 600 | 2,860 | 540 |
| 5 | 2220.1529 | 700 | 3,400 | 640 |
| 6 | 2220.1531 | 800 | 3,930 | 740 |
| 7 | 2220.1533 | 900 | 4,460 | 840 |
| 8 | 2220.1535 | 1000 | 4,990 | 940 |
| 9 | 2220.1537 | 1100 | 5,520 | 1040 |
| 10 | 2220.1539 | 1200 | 6,050 | 1140 |



| 500 mm | | | | |
|---------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1551 | 300 | 1,560 | 240 |
| 2 | 2220.1553 | 400 | 2,220 | 340 |
| 3 | 2220.1555 | 500 | 2,850 | 440 |
| 4 | 2220.1557 | 600 | 3,500 | 540 |
| 5 | 2220.1559 | 700 | 4,150 | 640 |
| 6 | 2220.1561 | 800 | 4,800 | 740 |
| 7 | 2220.1563 | 900 | 5,450 | 840 |
| 8 | 2220.1565 | 1000 | 6,100 | 940 |
| 9 | 2220.1567 | 1100 | 6,740 | 1040 |
| 10 | 2220.1569 | 1200 | 7,390 | 1140 |



| 600 mm | | | | |
|---------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1581 | 300 | 1,840 | 240 |
| 2 | 2220.1583 | 400 | 2,610 | 340 |
| 3 | 2220.1585 | 500 | 3,370 | 440 |
| 4 | 2220.1587 | 600 | 4,140 | 540 |
| 5 | 2220.1589 | 700 | 4,900 | 640 |
| 6 | 2220.1591 | 800 | 5,670 | 740 |
| 7 | 2220.1593 | 900 | 6,440 | 840 |
| 8 | 2220.1595 | 1000 | 7,200 | 940 |
| 9 | 2220.1597 | 1100 | 7,970 | 1040 |
| 10 | 2220.1599 | 1200 | 8,740 | 1140 |



MODULAR2 Channeled Assembly Profiles

Sheet Metal : Galvanized Sheet
 Thickness : Sheet Thickness of 1.5 mm
 Paint : Unpainted
 Twist Feature : 10x15 double-twisted



► Features and Intended Purpose



- Without assembly holes, to drill the holes as desired.
- 5 mm channel, all along.
- Switch material assembly with 4mm screw.
- Side assembly with M6 guide screw.
- 5.5 mm sequenced holes with 25 mm coefficient
- Eliminates hole drilling.



2210.0015

| 50 mm | | | | |
|---------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1611 | 300 | 0,280 | 240 |
| 2 | 2220.1613 | 400 | 0,397 | 340 |
| 3 | 2220.1615 | 500 | 0,514 | 440 |
| 4 | 2220.1617 | 600 | 0,631 | 540 |
| 5 | 2220.1619 | 700 | 0,748 | 640 |
| 6 | 2220.1621 | 800 | 0,865 | 740 |
| 7 | 2220.1623 | 900 | 0,982 | 840 |
| 8 | 2220.1625 | 1000 | 1,099 | 940 |



| | |
|-------------------------------------------------------------------------------------|-------------|
| Assembly Profile is mounted with 2 set screw | |
| 4000.3185 | M6 NUT |
|  | |
| 4000.3265 | M6x10 SCREW |
|  | |

Assembly Plate Fixer

| LIST NO | PART CODE | DESCRIPTION | DIMENSION | WEIGHT (kg) |
|---------|-----------|--------------------|--------------|-------------|
| 1 | 2210.0015 | ASSEMBLY TIE FIXER | 55x25,5x29,5 | 0,029 |



2210.0015

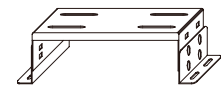
Assembly Plate Fixer is mounted with 2 set screw

| | |
|-----------|-------------|
| 4000.3185 | M6 NUT |
| 4000.3265 | M6x10 SCREW |



TPS Raising Sets

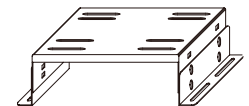
| LIST NO | PART CODE | DIMENSIONS | | | | WEIGHT (kg) | GRADE SIZES |
|---------|-----------|------------|-----|-----|-------|-------------|----------------|
| | | T | A | B | C | | |
| 1 | 2220.1631 | 1,5-2 | 90 | 200 | 50-80 | 0,55 | 52-84 mm RANGE |
| 2 | 2220.1633 | 1,5-2 | 110 | 200 | 50-80 | 0,67 | |
| 3 | 2220.1635 | 1,5-2 | 150 | 300 | 50-80 | 1,09 | |
| 4 | 2220.1637 | 1,5-2 | 220 | 400 | 50-80 | 1,83 | |



2220.1631



2220.1633



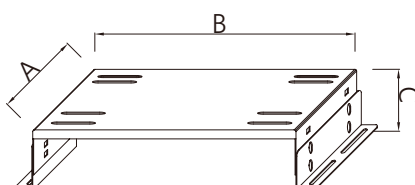
2220.1635



2220.1637

Circuit Breaker is mounted with a set of 4 screws

| | |
|-----------|-----------------------------|
| 4000.3185 | M6 NUT |
| 4000.3265 | M6x10 SCREW |
| 4000.3427 | M6X10 TORQUE HEAD GUIDE NUT |



MODULAR2 Assembly Plate Depth Adjusting Parts



Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1-2 mm
 Paint : Without paint
 Twist feature : 25 mm single compartment





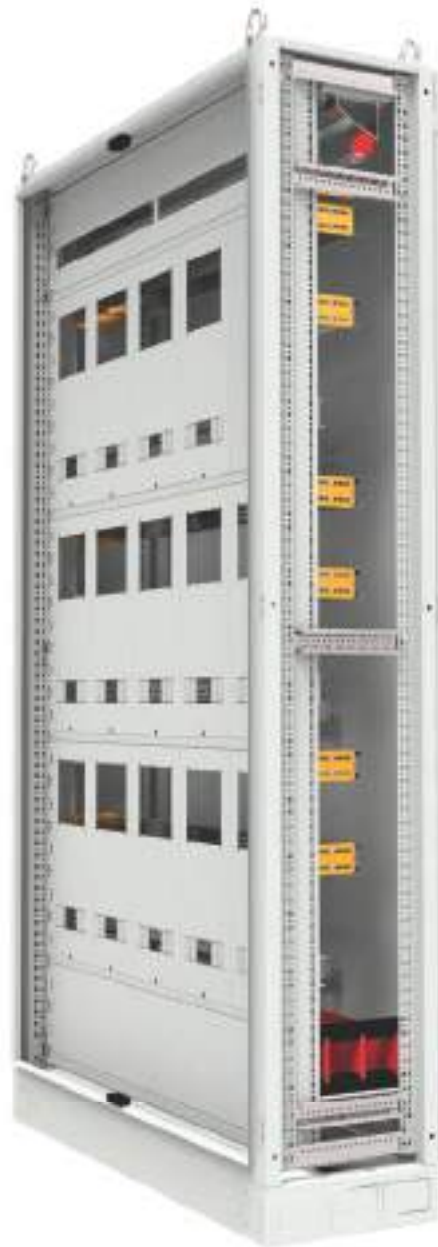
► Specifications and Intended Purpose

For the adjustment of the depth adjustment parts of the parted assembly plates
 Graded assembly option
 Mounted with 2 M6 channel screws and nut
 Parts with different options



The depth adjustment part of the Assembly Plate is mounted with 2 sets of screw

| | |
|-------------------------------------------------------------------------------------|-------------|
| 4000.3185 | M6 NUT |
|  | |
| 4000.3265 | M6x10 SCREW |
|  | |



Assembly Plate Depth Parts

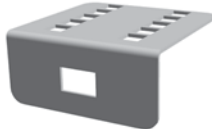
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | DEPTH SIZE (mm) |
|---------|-----------|----------------------|-------------|-----------------|
| 1 | 2210.0021 | 55x32x25 | 0,028 | 30 |
| 2 | 2210.0023 | 55x32x25 | 0,028 | 30 |
| 3 | 2210.0025 | 55x52x25 | 0,038 | 50 |
| 4 | 2210.0027 | 55x52x25 | 0,038 | 50 |

LATERAL HOLE



2210.0021

VERTICAL HOLE



2210.0023

LATERAL HOLE



2210.0025

VERTICAL HOLE



2210.0027

Parts are mounted with 2 set screw

4000.3185



M6 NUT

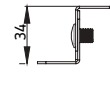
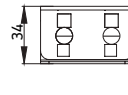
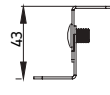
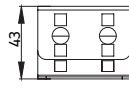
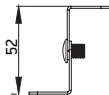
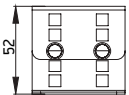
4000.3265



M6x10 SCREW

Assembly Plate Depth Sets (Short Sizes)

| LIST NO | SET CODE | SET PART CODES | NUMBER OF SET PART | WEIGHT (kg) | GRADING SIZES (mm) |
|---------|-----------|----------------|--------------------|-------------|--------------------|
| 1 | 2210.0041 | 4000.3265 | 2 | 0,063 | 52/43/34 |
| | | 4000.3185 | 2 | 0,063 | |
| | | 2210.0027 | 1 | 0,079 | |
| | | 2210.0029 | 1 | 0,079 | |



2210.0041

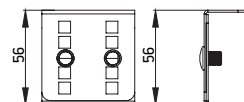
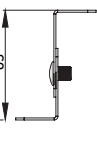
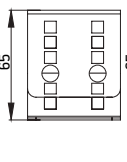
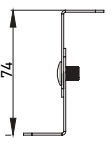
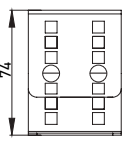
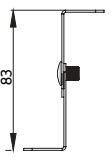
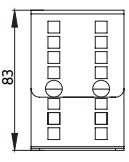
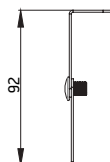
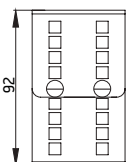


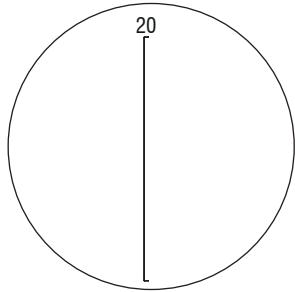
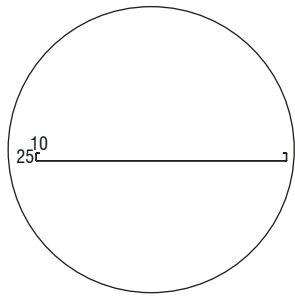
2210.0043



Assembly Plate Depth Sets (Long Sizes)

| LIST NO | SET CODE | SET PART CODES | NUMBER OF SET PART | WEIGHT (kg) | GRADING SIZES (mm) |
|---------|-----------|----------------|--------------------|-------------|--------------------|
| 1 | 2210.0043 | 4000.3265 | 2 | 0,063 | 92/83/74/65/56 |
| | | 4000.3185 | 2 | 0,063 | |
| | | 2210.0027 | 1 | 0,079 | |
| | | 2210.0029 | 1 | 0,079 | |





MODULAR² Compensation Single Part Assembly Plates




Sheet : Galvanized Sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : Unpainted
 Twist Feature : Vertical 10+25 mm Lateral: 20 mm




► Specifications and Intended Purpose

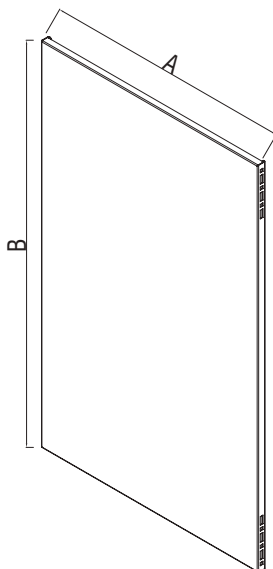
All the Assembly Plates are mounted at side in the compensation enclosures.

Assembly Plate is mounted with 4 set screw

| | |
|-------------------------------------------------------------------------------------|----------------------------------------------|
| 4000.3185 | M6 NUT |
|  | |
| 4000.3265 | M6x10 SCREW |
|  | |
| 2210.0063 | SINGLE PART COMPENSATION ASSEMBLY PLATE SLED |
|  | |

Assembly Plate is mounted with 4 set screw

| | |
|-------------------------------------------------------------------------------------|-----------------------------|
| 4000.3427 | M6X10 TORQUE HEAD GUIDE NUT |
|  | |



| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | ENCLOSURE SIZE (mm) | WEIGHT (kg) | SIZES | |
|---------|-----------|----------------------|---------------------|-------------|-------|-----|
| | | | | | A | B |
| 1 | 2220.1651 | 400 | 1800 | 4,60 | 325 | 960 |
| 2 | 2220.1653 | 500 | | 5,78 | 425 | 960 |
| 3 | 2220.1655 | 600 | | 6,96 | 525 | 960 |
| 4 | 2220.1657 | 700 | | 8,14 | 625 | 960 |
| 5 | 2220.1659 | 800 | | 9,31 | 725 | 960 |
| 6 | 2220.1661 | 900 | | 10,49 | 825 | 960 |
| 7 | 2220.1663 | 1000 | | 11,67 | 925 | 960 |

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | ENCLOSURE SIZE (mm) | WEIGHT (kg) | SIZES | |
|---------|-----------|----------------------|---------------------|-------------|-------|------|
| | | | | | A | B |
| 8 | 2220.1671 | 400 | 2000 | 5,52 | 325 | 1160 |
| 9 | 2220.1673 | 500 | | 6,93 | 425 | 1160 |
| 10 | 2220.1675 | 600 | | 8,35 | 525 | 1160 |
| 11 | 2220.1677 | 700 | | 9,76 | 625 | 1160 |
| 12 | 2220.1679 | 800 | | 11,18 | 725 | 1160 |
| 13 | 2220.1681 | 900 | | 12,59 | 825 | 1160 |
| 14 | 2220.1683 | 1000 | | 14,01 | 925 | 1160 |



MODULAR² RST Busbar Transparent Pet-G Casings

Sheet : Polycarbonate Pet-G
 Thickness : Pet-G thickness of 3.0 mm
 Paint : Transparent
 Twist Feature : Vertical 18 mm



► Specifications and Intended Use

Protection cover for the RST Busbars
 Fitting with flexible twist.

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | SIZES | | |
|---------|-----------|----------------------|-------------|-------|-----|----|
| | | | | A | B | C |
| 1 | 2220.1691 | 400 | 0,39 | 345 | 250 | 15 |
| 2 | 2220.1693 | 500 | 0,50 | 445 | 250 | 15 |
| 3 | 2220.1695 | 600 | 0,62 | 545 | 250 | 15 |
| 4 | 2220.1697 | 700 | 0,73 | 645 | 250 | 15 |
| 5 | 2220.1699 | 800 | 0,84 | 745 | 250 | 15 |
| 6 | 2220.1701 | 900 | 0,96 | 845 | 250 | 15 |
| 7 | 2220.1703 | 1000 | 1,07 | 945 | 250 | 15 |

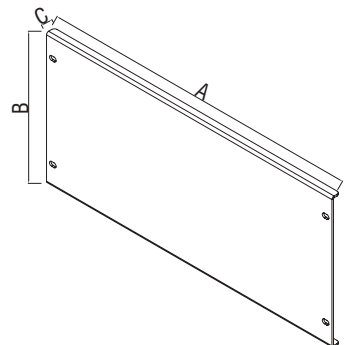


2210.0015



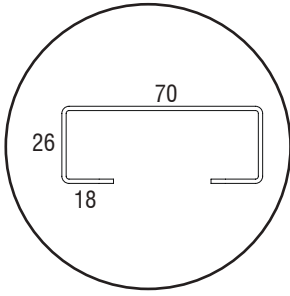
RST Busbar Casing is mounted with 4 sets of screw

| | |
|-----------|-------------|
| 4000.3185 | M6 NUT |
| 4000.3265 | M6x10 SCREW |



MODULAR² Condenser Shelves

Sheet : Galvanized Sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : Unpainted
 Twist Feature : 21+60+21 mm




► Specifications and Intended Use

Cylindrical or rectangular condenser assembly shelves.
 Assembly is made with M6 Channel screw.



| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1711 | 400 | 0,70 | 395 |
| 2 | 2220.1713 | 500 | 0,87 | 495 |
| 3 | 2220.1715 | 600 | 1,05 | 595 |
| 4 | 2220.1717 | 700 | 1,23 | 695 |
| 5 | 2220.1719 | 800 | 1,40 | 795 |
| 6 | 2220.1721 | 900 | 1,58 | 895 |
| 7 | 2220.1723 | 1000 | 1,76 | 995 |
| 8 | 2220.1725 | 1100 | 1,93 | 1095 |
| 9 | 2220.1727 | 1200 | 2,11 | 1195 |

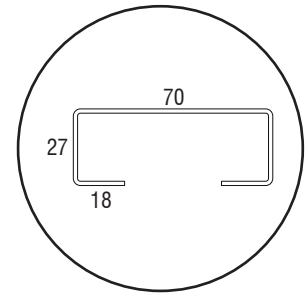
Condenser Shelf is mounted with 4 set screw
 4000.3427
 M6X10 TORQUES-HEAD GUIDE SCREW



MODULAR²

Thermal power switch TPS

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 2.0 mm
 Paint : Unpainted
 Twist Feature : 15+30+70+25 mm



► Specifications and Intended Use

Double-twist reactor-condenser-master pack switch shelf.
 With 25 mm-convex twist for easy.
 Mounted to the lateral connection with M6 guide screw at top for gravity.

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.1741 | 400 | 0,93 | 395 |
| 2 | 2220.1743 | 500 | 1,16 | 495 |
| 3 | 2220.1745 | 600 | 1,40 | 595 |
| 4 | 2220.1747 | 700 | 1,63 | 695 |
| 5 | 2220.1749 | 800 | 1,87 | 795 |
| 6 | 2220.1751 | 900 | 2,11 | 895 |
| 7 | 2220.1753 | 1000 | 2,34 | 995 |
| 8 | 2220.1755 | 1100 | 2,58 | 1095 |
| 9 | 2220.1757 | 1200 | 2,81 | 1195 |



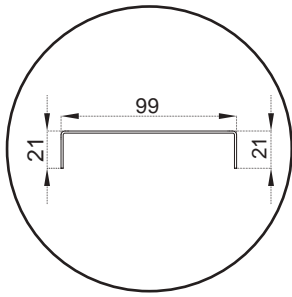
Master Pack Condenser Shelf is mounted with 4 set screw

4000.3427



M6X10 TORQUE HEAD GUIDE NUT





MODULAR2 Bottom Closers (Contact Hazard Protection Enclosure)

Sheet : Galvanized Sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted
 Twist Feature : 21 mm single twist


► Specifications and Intended Use

- Fitting to the depths of all enclosures through two sizes
- Those without brushless are mounted with 2 guide screws (closed)
- Those with 215 mm brushless are mounted with 4 guide screws
- Bottom closer can be mounted with union, brush, Eva-seal with any desired number and size



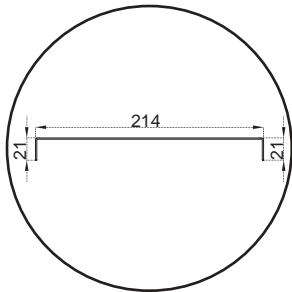
Brushless Bottom Closer is mounted with 2 set screw

4000.3427



M6X10 TORQUE HEAD GUIDE NUT

| 100 mm WITH BRUSH | | | | |
|-------------------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1771 | 400 | 0,420 | 323 |
| 2 | 2220.1773 | 500 | 0,550 | 423 |
| 3 | 2220.1775 | 600 | 0,680 | 523 |
| 4 | 2220.1777 | 700 | 0,810 | 623 |
| 5 | 2220.1779 | 800 | 0,940 | 723 |
| 6 | 2220.1781 | 900 | 1,070 | 823 |
| 7 | 2220.1783 | 1000 | 1,200 | 923 |
| 8 | 2220.1785 | 1100 | 1,330 | 1023 |
| 9 | 2220.1787 | 1200 | 1,461 | 1123 |



Lower closer with brush is mounted with a set of 4 screws

4000.3427



M6X10 TORQUE HEAD GUIDE NUT

| 215 mm WITH BRUSH | | | | |
|-------------------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1801 | 400 | 0,769 | 323 |
| 2 | 2220.1803 | 500 | 1,005 | 423 |
| 3 | 2220.1805 | 600 | 1,243 | 523 |
| 4 | 2220.1807 | 700 | 1,481 | 623 |
| 5 | 2220.1809 | 800 | 1,718 | 723 |
| 6 | 2220.1811 | 900 | 1,956 | 823 |
| 7 | 2220.1813 | 1000 | 2,194 | 923 |
| 8 | 2220.1815 | 1100 | 2,432 | 1023 |
| 9 | 2220.1817 | 1200 | 2,669 | 1123 |

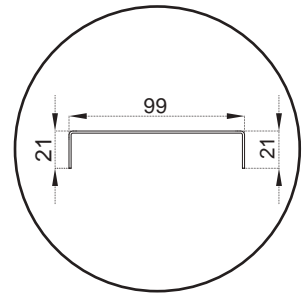


MODULAR²

Bottom Closers

(Longitudinal Assembly Plate Enclosure)

Sheet : Galvanized Sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted
 Twist Feature : 21 mm single twist



► Specifications and Intended Use


- Fitting to the depths of all enclosures through two sizes (100-215 mm)
- Those without brush are mounted with 2 guide screws (closed)
- Those without brush are mounted with 4 guide screws (brush spacing)
- Bottom closer can be mounted with union, brush, Eva-seal with any desired number and size



| 100 mm WITH BRUSH | | | | |
|-------------------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1821 | 500 | 0,394 | 303 |
| 2 | 2220.1823 | 600 | 0,524 | 403 |
| 3 | 2220.1825 | 700 | 0,654 | 503 |
| 4 | 2220.1827 | 800 | 0,784 | 603 |
| 5 | 2220.1829 | 900 | 0,914 | 703 |
| 6 | 2220.1831 | 1000 | 1,044 | 803 |
| 7 | 2220.1833 | 1100 | 1,174 | 903 |
| 8 | 2220.1835 | 1200 | 1,304 | 1003 |

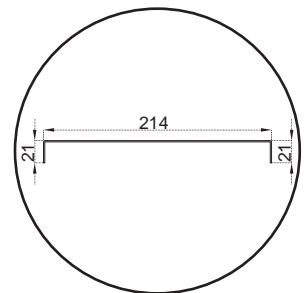
Brushless Bottom Closer is mounted with 2 set screw

4000.3427




M6X10 TORQUE HEAD GUIDE NUT

| 215 mm WITH BRUSH | | | | |
|-------------------|-----------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.1841 | 500 | 0,720 | 303 |
| 2 | 2220.1843 | 600 | 0,958 | 403 |
| 3 | 2220.1845 | 700 | 1,195 | 503 |
| 4 | 2220.1847 | 800 | 1,433 | 603 |
| 5 | 2220.1849 | 900 | 1,671 | 703 |
| 6 | 2220.1851 | 1000 | 1,909 | 803 |
| 7 | 2220.1853 | 1100 | 2,146 | 903 |
| 8 | 2220.1855 | 1200 | 2,384 | 1003 |



Brushless Bottom Closer is mounted with 4 set screw

4000.3427



M6X10 TORQUE HEAD GUIDE NUT



MODULAR² Bottom Closers (Contact Hazard Protection Enclosure)

Sheet : Galvanized Sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted
 Twist Feature : 21 mm single twist



Bottom closer with brush is mounted with a set of 4 screws

4000.3427



M6X10 TORQUE
HEAD GUIDE NUT

► Specifications and Intended Use

Fitting to the depths of all enclosures through two sizes (100-215 mm)
 Those without brush are mounted with 2 guide screws (closed)
 Those without brush are mounted with 4 guide screws (brush spacing)
 Bottom closer can be mounted with union, brush, Eva-seal with any desired number and size

215 mm FIRÇALI

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | ENCLOSURE (mm) | | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|----------------|--------|-------------|----------------|
| | | | SINGLE | DOUBLE | | |
| 1 | 2220.1861 | 400 | 400 | | 0,769 | 323 |
| 2 | 2220.1863 | 500 | 500 | | 1,005 | 423 |
| 3 | 2220.1865 | 600 | 600 | | 1,243 | 523 |
| 4 | 2220.1867 | 700 | 700 | | 1,481 | 623 |
| 5 | 2220.1869 | 800 | 800 | | 1,718 | 723 |
| 6 | 2220.1871 | 900 | | 900 | 1,956 | 823 |
| 7 | 2220.1873 | 1000 | | 1000 | 2,194 | 923 |
| 8 | 2220.1875 | 1100 | | 1100 | 2,432 | 1023 |
| 9 | 2220.1877 | 1200 | | 1200 | 2,669 | 1123 |



MODULAR² Bottom Closers (Longitudinal Assembly Plate Enclosure)

Sheet : Galvanized Sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted
 Twist Feature : 21 mm single twist



Bottom closer with brush is mounted with a set of 4 screws

4000.3427



M6X10 TORQUE
HEAD GUIDE NUT

► Specifications and Intended Use

Fitting to the depths of all enclosures through two sizes (100-215 mm)
 Those without brush are mounted with 2 guide screws (closed)
 Those without brush are mounted with 4 guide screws (brush spacing)
 Bottom closer can be mounted with union, brush, Eva-seal with any desired number and size

215 mm FIRÇALI

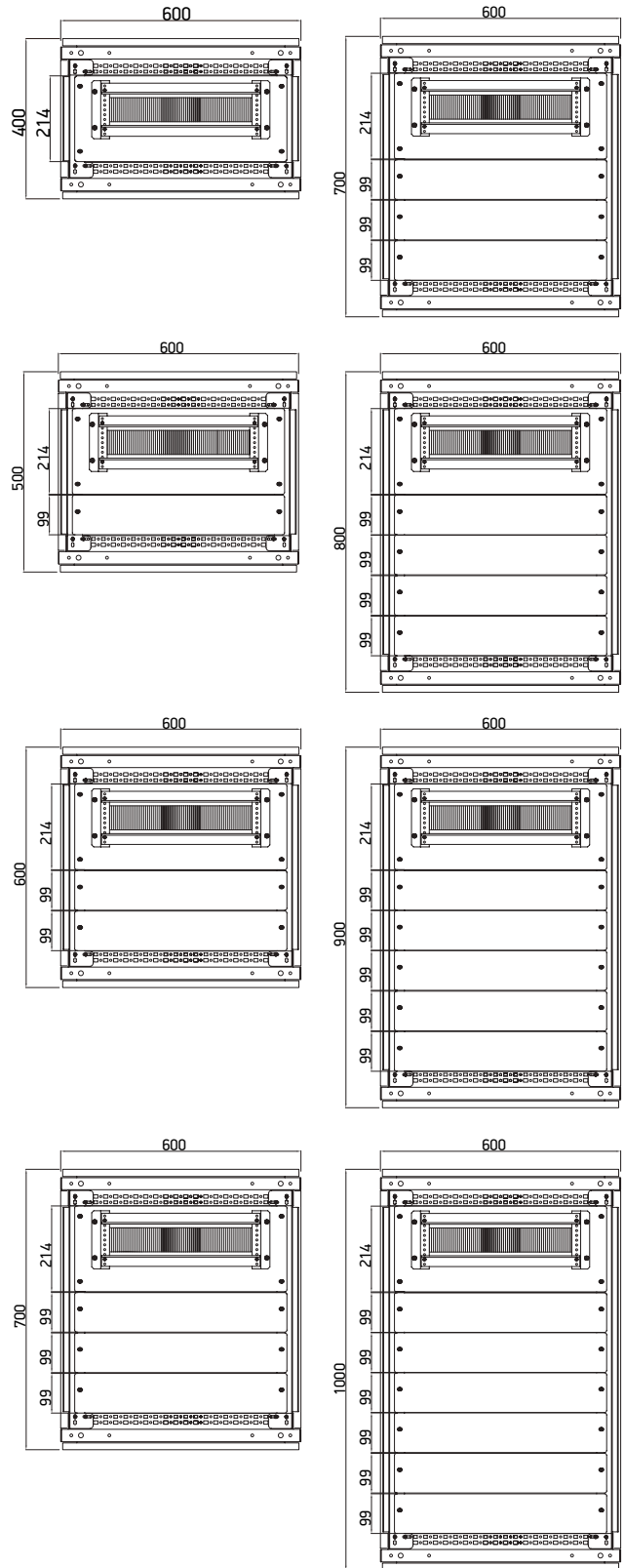
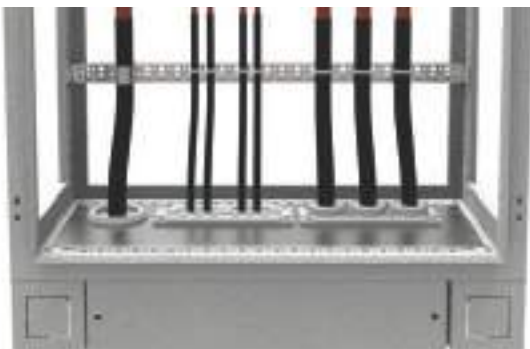
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | ENCLOSURE (mm) | | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|----------------|--------|-------------|----------------|
| | | | SINGLE | DOUBLE | | |
| 1 | 2220.1891 | 500 | 500 | | 0,720 | 303 |
| 2 | 2220.1893 | 600 | 600 | | 0,958 | 403 |
| 3 | 2220.1895 | 700 | 700 | | 1,195 | 503 |
| 4 | 2220.1897 | 800 | 800 | | 1,433 | 603 |
| 5 | 2220.1899 | 900 | 900 | | 1,671 | 703 |
| 6 | 2220.1901 | 1000 | | 1000 | 1,909 | 803 |
| 7 | 2220.1903 | 1100 | | 1100 | 2,146 | 903 |
| 8 | 2220.1905 | 1200 | | 1200 | 2,384 | 1003 |

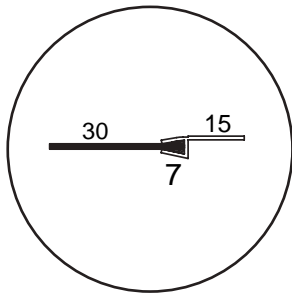


MODULAR²

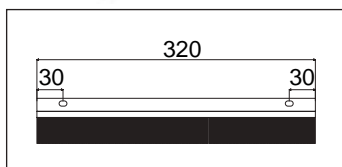
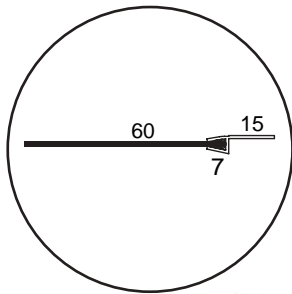
Bottom Closer Set Selection Table

Width: 600 mm is taken as sample.





| | |
|-------------------------------------------------------------------------------------|-------------|
| Brushes are mounted with 2 and 3 sets of screw | |
| 4000.3263 | M5x10 SCREW |
|  | |
| 4000.2185 | M5 NUT |
|  | |



MODULAR2 Bottom-Upper Cover Brushers (30 mm)

Sheet : Aluminum
 Hair Length : 30 mm
 Paint : Unpainted
 Twist Feature : M5 channel screw



► Specifications and Intended Use

Prevents entrance of dust and insects in to the cable entry gaps
 One-side or mutual double brush option
 Lower closers or upper covers are used

| Hair length: 30 mm - Dust Protection Brush | | | | | |
|--------------------------------------------|-----------|---------------------|--------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT(mm) | | WEIGHT (kg) | PART SIZE (mm) |
| | | SINGLE | DOUBLE | | |
| 1 | 2220.1911 | 400 | | 0,058 | 280 |
| 2 | 2220.1913 | 500 | | 0,079 | 380 |
| 3 | 2220.1915 | 600 | | 0,100 | 480 |
| 4 | 2220.1917 | 700 | | 0,120 | 580 |
| 5 | 2220.1919 | 800 | | 0,141 | 680 |
| 6 | 2220.1921 | | 900 | 0,162 | 220+220 |
| 7 | 2220.1923 | | 1000 | 0,133 | 370+370 |
| 8 | 2220.1925 | | 1100 | 0,154 | 420+420 |
| 9 | 2220.1927 | | 1200 | 0,175 | 470+470 |

MODULAR2 Bottom-Upper Cover Brushers (60 mm)

Sheet : Aluminum
 Hair Length : 60 mm
 Paint : Unpainted
 Twist Feature : M5 channel screw



► Specifications and Intended Use

Prevents entrance of dust and insects in to the cable entry gaps
 One-side or mutual double brush option
 Lower closers or upper covers are used

| Hair length: 60 mm - Dust Protection Brush | | | | | |
|--------------------------------------------|-----------|---------------------|--------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT(mm) | | WEIGHT (kg) | PART SIZE (mm) |
| | | SINGLE | DOUBLE | | |
| 1 | 2220.1931 | 400 | | 0,072 | 280 |
| 2 | 2220.1933 | 500 | | 0,097 | 380 |
| 3 | 2220.1935 | 600 | | 0,123 | 480 |
| 4 | 2220.1937 | 700 | | 0,148 | 580 |
| 5 | 2220.1939 | 800 | | 0,174 | 680 |
| 6 | 2220.1941 | | 900 | 0,199 | 220+220 |
| 7 | 2220.1943 | | 1000 | 0,225 | 370+370 |
| 8 | 2220.1945 | | 1100 | 0,215 | 420+420 |
| 9 | 2220.1947 | | 1200 | 0,240 | 470+470 |

MODULAR²

Lower Closer Brushers (30 mm)

(Enclosure with assembly plate and enclosure with CHP)

Sheet : Aluminum
 Hair Length : 30 mm
 Paint : Unpainted
 Twist Feature : M5 channel screw



► Specifications and Intended Purpose

Prevents entrance of dust and insects in to the cable entry gaps
 One-side or mutual double brush option. 30-60 mm
 Lower closers or upper covers are used

| Hair length: 30 mm - Dust Protection Brush | | | | | | |
|--------------------------------------------|-----------|----------------------|----------------|-----------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | | NUMBER OF BRUSH | WEIGHT (kg) | PART SIZE (mm) |
| | | WITH CHP | ASSEMBLY PLATE | | | |
| 1 | 2220.1961 | 400 | 500 | SINGLE BRUSH | 0,035 | 170 |
| 2 | 2220.1963 | 500 | 600 | | 0,056 | 270 |
| 3 | 2220.1965 | 600 | 700 | | 0,077 | 370 |
| 4 | 2220.1967 | 700 | 800 | | 0,098 | 470 |
| 5 | 2220.1969 | 800 | 900 | | 0,118 | 570 |
| 6 | 2220.1971 | 900 | 1000 | TWO BRUSHES | 0,133 | 320+320 |
| 7 | 2220.1973 | 1000 | 1100 | | 0,154 | 370+370 |
| 8 | 2220.1975 | 1100 | 1200 | | 0,175 | 420+420 |
| 9 | 2220.1977 | 1200 | | | 0,195 | 470+470 |



Brushes are mounted with 2 and 3 sets of screw

4000.3263



M5x10 SCREW

4000.2185



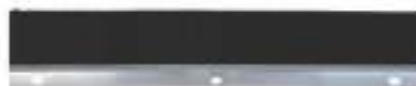
M5 NUT

MODULAR²

Lower Closer Brushers (60 mm)

(Enclosure with assembly plate and enclosure with CHP)

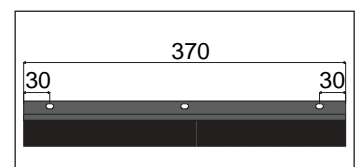
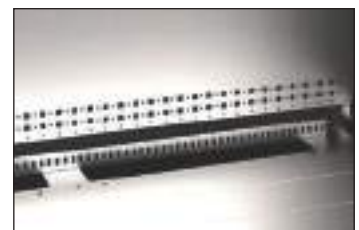
Sheet : Aluminum
 Hair Length : 30 mm
 Paint : Unpainted
 Twist Feature : M5 channel screw

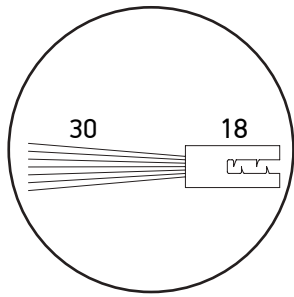


► Specifications and Intended Purpose

Prevents entrance of dust and insects in to the cable entry gaps
 One-side or mutual double brush option. 60-120 mm
 Lower closers or upper covers are used

| Hair length: 60 mm - Dust Protection Brush | | | | | | |
|--------------------------------------------|-----------|----------------------|----------------|-----------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | | NUMBER OF BRUSH | WEIGHT (kg) | PART SIZE (mm) |
| | | WITH CHP | ASSEMBLY PLATE | | | |
| 1 | 2220.1981 | 400 | 500 | SINGLE BRUSH | 0,043 | 170 |
| 2 | 2220.1983 | 500 | 600 | | 0,069 | 270 |
| 3 | 2220.1985 | 600 | 700 | | 0,095 | 370 |
| 4 | 2220.1987 | 700 | 800 | | 0,120 | 470 |
| 5 | 2220.1989 | 800 | 900 | | 0,146 | 570 |
| 6 | 2220.1991 | 900 | 1000 | TWO BRUSHES | 0,168 | 320+320 |
| 7 | 2220.1993 | 1000 | 1100 | | 0,189 | 370+370 |
| 8 | 2220.1995 | 1100 | 1200 | | 0,215 | 420+420 |
| 9 | 2220.1997 | 1200 | | | 0,240 | 470+470 |

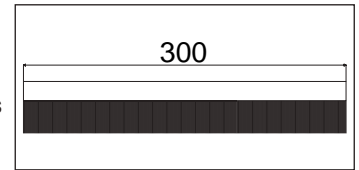




MODULAR²

Transition Brushes (30 mm) Lower Closer

Material : Plastic
 Hair Length : 30 mm
 Color : Black
 Type of Assembly : Transition



► Specifications and Intended Use

Prevents dust and insect from entering into the cable entrance openings
 One-side or opposite double brush options
 Used Lower closers or top cover

| Hair Length: 30 mm - Dust Protection Brush | | | | | |
|--------------------------------------------|-----------|---------------------|--------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT(mm) | | WEIGHT (kg) | PART SIZE (mm) |
| | | SINGLE | DOUBLE | | |
| 1 | 2220.2001 | 400 | | 0,047 | 260 |
| 2 | 2220.2003 | 500 | | 0,065 | 360 |
| 3 | 2220.2005 | 600 | | 0,083 | 460 |
| 4 | 2220.2007 | 700 | | 0,100 | 560 |
| 5 | 2220.2009 | 800 | | 0,119 | 660 |
| 6 | 2220.2011 | 900 | | 0,137 | 760 |
| 7 | 2220.2013 | | 1000 | 0,108 | 300+300 |
| 8 | 2220.2015 | | 1100 | 0,126 | 350+350 |
| 9 | 2220.2017 | | 1200 | 0,188 | 400+400 |

MODULAR²

Mountable Brushes (30 mm) Bottom Closers (Assembly Plate and Contact Hazard Protection Enclosure)

Material : Plastic
 Hair Length : 30 mm
 Color : Black
 Assembly Form : Mountable



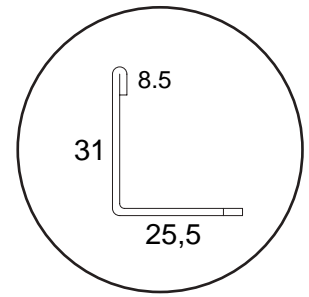
► Specifications and Intended Use

Specifications and intended purpose
 Prevents dust and insect from entering into the cable entrance openings
 Double brush with one-side or opposite side options. 30-60 mm

| Hair Length: 30 mm - Dust Protection Brush | | | | | | |
|--------------------------------------------|-----------|---------------------|--------|--------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT(mm) | | WEIGHT (kg) | WEIGHT (kg) | PART SIZE (mm) |
| | | SINGLE | DOUBLE | | | |
| 1 | 2220.2021 | 400 | | | 0,027 | 150 |
| 2 | 2220.2023 | 500 | 400 | SINGLE BRUSH | 0,045 | 250 |
| 3 | 2220.2025 | 600 | 500 | | 0,063 | 350 |
| 4 | 2220.2027 | 700 | 600 | | 0,081 | 450 |
| 5 | 2220.2029 | 800 | 700 | | 0,099 | 550 |
| 6 | 2220.2031 | 900 | 800 | | 0,108 | 300+300 |
| 7 | 2220.2033 | 1000 | 900 | DOUBLE BRUSH | 0,126 | 350+350 |
| 8 | 2220.2035 | 1100 | 1000 | | 0,144 | 400+400 |
| 9 | 2220.2037 | 1200 | 1100 | | 0,162 | 450+450 |
| 10 | | | 1200 | | 0,162 | 450+450 |

MODULAR² Lower Entry Cable Holders

Sheet : Galvanized sheet
 Thickness : Thickness of 1.5 mm
 Paint : Unpainted
 Twist Feature : 31x25x1.5 mm



► Specifications and Intended Use

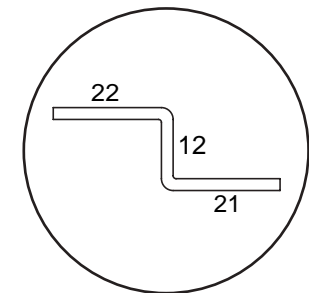
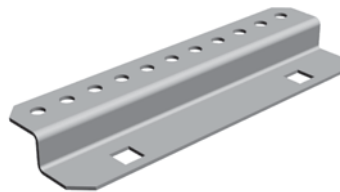
Taking the cables into the enclosure in an order and preventing them from backing away
 It is with twist and break down
 With row-hole clips for the cable bond

| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2061 | 400 | 0,109 | 150 |
| 2 | 2220.2063 | 500 | 0,181 | 250 |
| 3 | 2220.2065 | 600 | 0,253 | 350 |
| 4 | 2220.2067 | 700 | 0,326 | 450 |
| 5 | 2220.2069 | 800 | 0,399 | 550 |
| 6 | 2220.2071 | 900 | 0,471 | 650 |
| 7 | 2220.2073 | 1000 | 0,544 | 750 |
| 8 | 2220.2075 | 1100 | 0,616 | 850 |
| 9 | 2220.2077 | 1200 | 0,689 | 950 |



MODULAR² Lower Entry Cable Holders

Sheet : Galvanized sheet
 Thickness : Thickness of 2.0 mm
 Paint : Unpainted
 Twist Feature : 22x12x21x2 mm



► Specifications and Intended Use

Cable holding assembly part
 For ensuring forward and backward motion (sequential holes). (Depending on the cable intensity)
 Mounted to the bottom closer

| LIST NO | PART CODE | Z PART DIMENSIONS (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|------------------------|-------------|----------------|
| 1 | 2210.0067 | 22x12x21x2 | 0,086 | 145 |



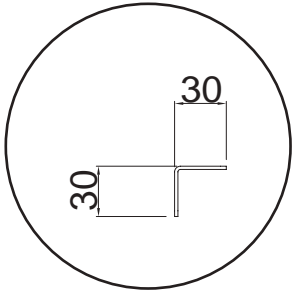
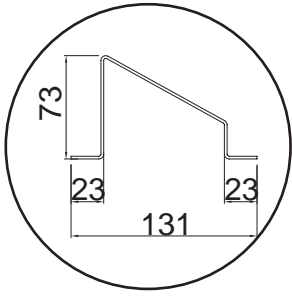
Lower Entry Cable Holder is assembled with x screw

4000.3427



M6X10 TORQUE HEAD GUIDE NUT

MODULAR2 Ground Neutral Busbar Carrier (Set)



Sheet : Galvanized sheet
 Thickness : Thickness of 2 mm
 Paint : Unpainted
 Twist Feature : 23+73+131+23 mm +bridge
 Twist : 30x30 mm gusset

► Specifications and Intended Use

It is mounted with neutral busbar isolator
 Ground busbar is mounted bare
 It is mounted with depth joint in the form of set
 Right-left can be disassembled and assembled



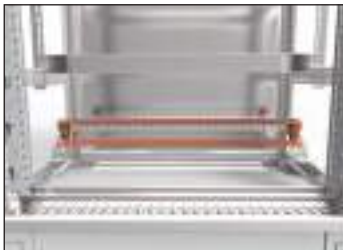
2-Set Ground Neutral Busbar Carrier is mounted with screw

4000.3427



M6X10 TORQUES-HEAD
GUIDE SCREW

| LIST NO | SET CODE | MATERIAL NAME | QUANTITY | WEIGHT (kg) |
|---------|-----------|---------------------------|----------|-------------|
| 1 | 2210.0071 | GROUND NEUTRAL BUSBAR SET | 1 | 0,233 |



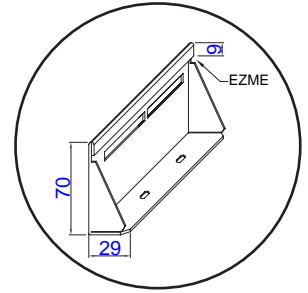
MODULAR2

Longitudinal Assembly Plate Carrier Rails

Sheet : Galvanized sheet
 Thickness : Thickness of 2.0 mm
 Paint : Unpainted
 Twist Feature : 9x70x29 mm

► Specifications and Intended Use

- Rail for the gravity of bottom sheet.
- Backward and forward arrangement of the assembly plate.
- Corner plastic chock.
- Plastic chock stopper zamak fixing channel.
- Mounting to lower joint.



| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2081 | 400 | 0,490 | 243 |
| 2 | 2220.2083 | 500 | 0,568 | 293 |
| 3 | 2220.2085 | 600 | 0,732 | 393 |
| 4 | 2220.2087 | 700 | 0,895 | 493 |
| 5 | 2220.2089 | 800 | 1,059 | 593 |

Vertical Longitudinal Assembly Plate Carrier Rail is mounted with 4 Set screw

4000.3427



M6X10 TORQUE HEAD GUIDE SCREW



MODULAR² Longitudinal Assembly Plates

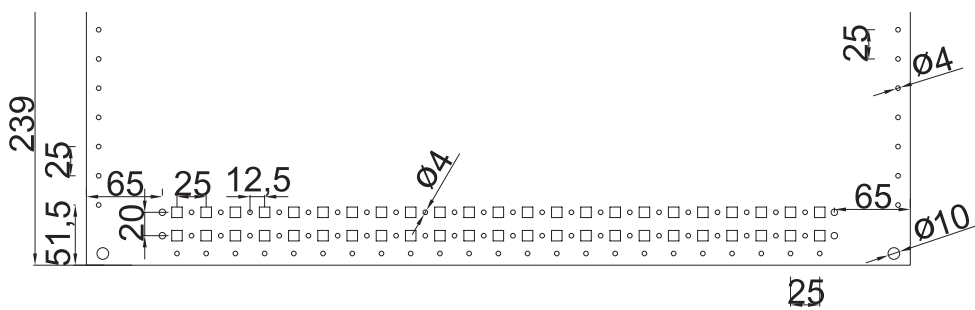
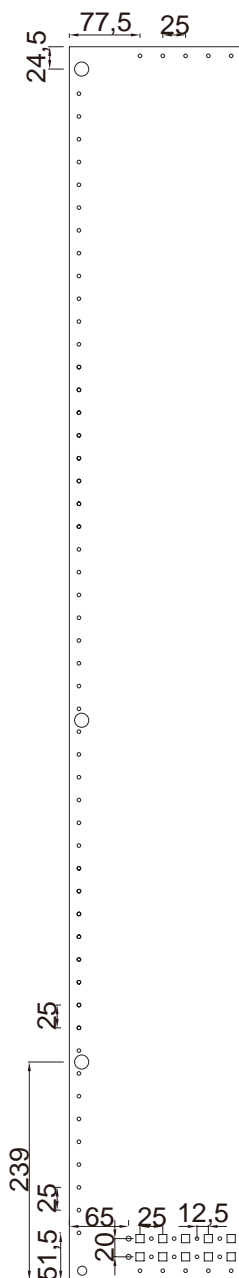
Rail and slide system
which eases the replacement of
the plate assembled

Reconnection feature
at front and sides



MODULAR2

Longitudinal Assembly Plates



MODULAR2

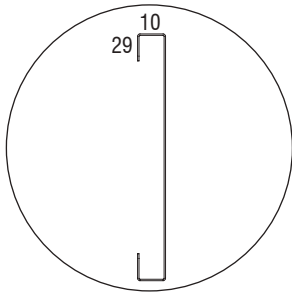
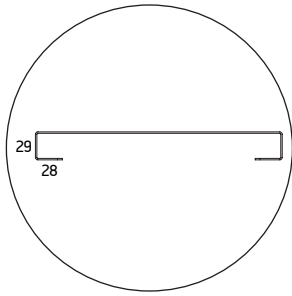
Longitudinal Assembly Plates

Sheet : Galvanized sheet
 Thickness : Thickness of 1.5 mm
 Paint : Unpainted
 Twist Feature : (Right-Left) 28+90 mm/(Upper-Lower) 10+29 mm

► Specifications and Intended Use

Longitudinal Assembly plate from ground to the ceiling
 It sits over the rail at bottom with plastic chock
 Forward and backward deeply motion
 It sits on the channel to avoid right and left falls
 Side and front assembly option
 Hole at symmetric sides for the dimensioning

Assembly option only at top and bottom
 Mounted to M6 rivet nut assembly plate in advance
 Twist shape is designed in manner not to stretch while mounted at top and just bottom
 Stop nut for the motion toward bottom, front and back
 Hole system for the cable holder at the bottom entry



| Width: 400 mm | | | | | |
|---------------|-----------|--------------------------------------|-------------|----------------|-------------|
| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2131 | 1000 | 3,966 | 305 | 753 |
| 2 | 2220.2133 | 1200 | 4,933 | | 953 |
| 3 | 2220.2135 | 1400 | 5,900 | | 1153 |
| 4 | 2220.2137 | 1600 | 6,867 | | 1353 |
| 5 | 2220.2139 | 1800 | 7,834 | | 1553 |
| 6 | 2220.2141 | 2000 | 8,802 | | 1753 |
| 7 | 2220.2143 | 2100 | 9,285 | | 1853 |
| 8 | 2220.2145 | 2200 | 9,769 | | 1953 |

| Width: 500 mm | | | | | |
|---------------|-----------|--------------------------------------|-------------|----------------|-------------|
| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2151 | 1000 | 5,245 | 405 | 753 |
| 2 | 2220.2153 | 1200 | 6,524 | | 953 |
| 3 | 2220.2155 | 1400 | 7,803 | | 1153 |
| 4 | 2220.2157 | 1600 | 9,082 | | 1353 |
| 5 | 2220.2159 | 1800 | 10,362 | | 1553 |
| 6 | 2220.2161 | 2000 | 11,641 | | 1753 |
| 7 | 2220.2163 | 2100 | 12,280 | | 1853 |
| 8 | 2220.2165 | 2200 | 12,920 | | 1953 |

MODULAR²

Longitudinal Assembly Plates

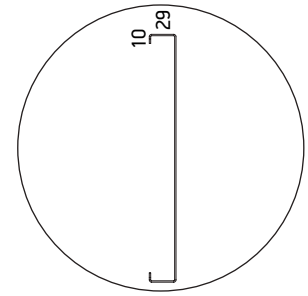
| Width 600 mm | | | | | |
|--------------|-----------|--------------------------------------|-------------|----------------|-------------|
| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2171 | 1000 | 6,524 | 505 | 753 |
| 2 | 2220.2173 | 1200 | 8,115 | | 953 |
| 3 | 2220.2175 | 1400 | 9,706 | | 1153 |
| 4 | 2220.2177 | 1600 | 11,298 | | 1353 |
| 5 | 2220.2179 | 1800 | 12,889 | | 1553 |
| 6 | 2220.2181 | 2000 | 14,480 | | 1753 |
| 7 | 2220.2183 | 2100 | 15,276 | | 1853 |
| 8 | 2220.2185 | 2200 | 16,071 | | 1953 |

| Width 700 mm | | | | | |
|--------------|-----------|--------------------------------------|-------------|----------------|-------------|
| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2191 | 1000 | 7,803 | 605 | 753 |
| 2 | 2220.2193 | 1200 | 10,658 | | 953 |
| 3 | 2220.2195 | 1400 | 11,610 | | 1153 |
| 4 | 2220.2197 | 1600 | 13,513 | | 1353 |
| 5 | 2220.2199 | 1800 | 15,416 | | 1553 |
| 6 | 2220.2201 | 2000 | 17,319 | | 1753 |
| 7 | 2220.2203 | 2100 | 18,271 | | 1853 |
| 8 | 2220.2205 | 2200 | 19,222 | | 1953 |

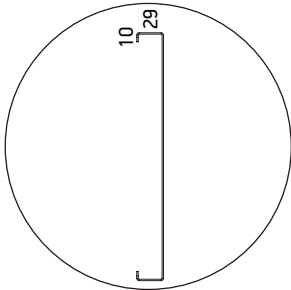
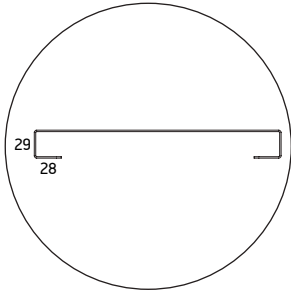
| Width 800 mm | | | | | |
|--------------|-----------|--------------------------------------|-------------|----------------|-------------|
| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2211 | 1000 | 9,082 | 705 | 753 |
| 2 | 2220.2213 | 1200 | 11,298 | | 953 |
| 3 | 2220.2215 | 1400 | 13,513 | | 1153 |
| 4 | 2220.2217 | 1600 | 15,728 | | 1353 |
| 5 | 2220.2219 | 1800 | 17,943 | | 1553 |
| 6 | 2220.2221 | 2000 | 20,158 | | 1753 |
| 7 | 2220.2223 | 2100 | 21,266 | | 1853 |
| 8 | 2220.2225 | 2200 | 22,374 | | 1953 |

| Width 900 mm | | | | | |
|--------------|-----------|--------------------------------------|-------------|----------------|-------------|
| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2231 | 1000 | 10,362 | 805 | 753 |
| 2 | 2220.2233 | 1200 | 12,889 | | 953 |
| 3 | 2220.2235 | 1400 | 15,416 | | 1153 |
| 4 | 2220.2237 | 1600 | 17,943 | | 1353 |
| 5 | 2220.2239 | 1800 | 20,470 | | 1553 |
| 6 | 2220.2241 | 2000 | 22,998 | | 1753 |
| 7 | 2220.2243 | 2100 | 24,261 | | 1853 |
| 8 | 2220.2245 | 2200 | 25,525 | | 1953 |

| Width 1000 mm | | | | | |
|---------------|-----------|--------------------------------------|-------------|----------------|-------------|
| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2251 | 1000 | 11,641 | 905 | 753 |
| 2 | 2220.2253 | 1200 | 14,480 | | 953 |
| 3 | 2220.2255 | 1400 | 17,319 | | 1153 |
| 4 | 2220.2257 | 1600 | 20,158 | | 1353 |
| 5 | 2220.2259 | 1800 | 22,998 | | 1553 |
| 6 | 2220.2261 | 2000 | 25,837 | | 1753 |
| 7 | 2220.2263 | 2100 | 27,256 | | 1853 |
| 8 | 2220.2265 | 2200 | 28,676 | | 1953 |



MODULAR2 Boy Montaj Plakası

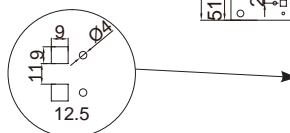
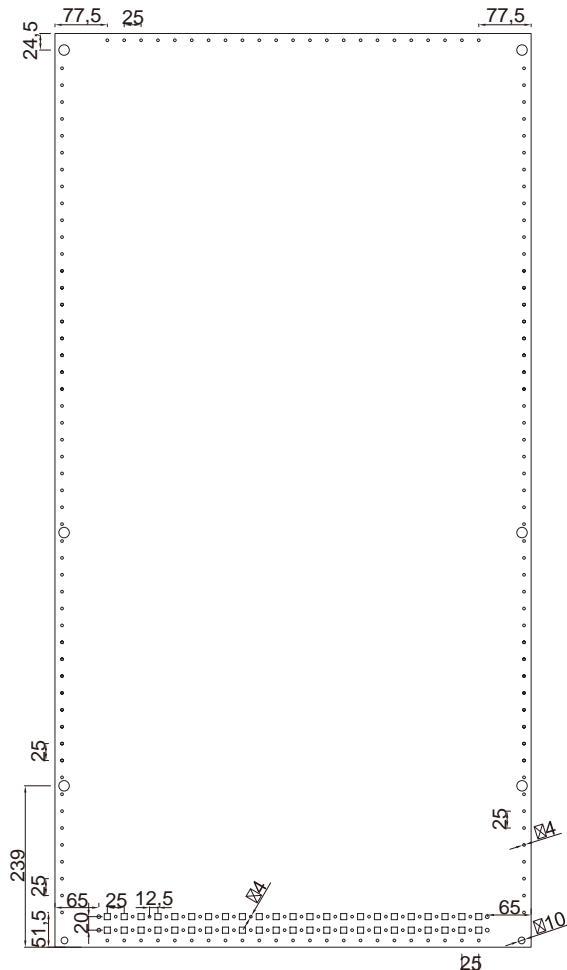


Width: 1100 mm

| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
|---------|-----------|--------------------------------------|-------------|----------------|-------------|
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2271 | 1000 | 12,920 | 1005 | 753 |
| 2 | 2220.2273 | 1200 | 16,071 | | 953 |
| 3 | 2220.2275 | 1400 | 19,222 | | 1153 |
| 4 | 2220.2277 | 1600 | 22,374 | | 1353 |
| 5 | 2220.2279 | 1800 | 25,525 | | 1553 |
| 6 | 2220.2281 | 2000 | 28,676 | | 1753 |
| 7 | 2220.2283 | 2100 | 30,252 | | 1853 |
| 8 | 2220.2285 | 2200 | 31,827 | | 1953 |

Width: 1200 mm

| LIST NO | PART CODE | ENCLOSURE LENGTH INCLUDING FOOT BASE | WEIGHT (kg) | NET DIMENSIONS | |
|---------|-----------|--------------------------------------|-------------|----------------|-------------|
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2291 | 1000 | 14,199 | 1105 | 753 |
| 2 | 2220.2293 | 1200 | 17,662 | | 953 |
| 3 | 2220.2295 | 1400 | 21,126 | | 1153 |
| 4 | 2220.2297 | 1600 | 24,589 | | 1353 |
| 5 | 2220.2299 | 1800 | 28,052 | | 1553 |
| 6 | 2220.2301 | 2000 | 31,515 | | 1753 |
| 7 | 2220.2303 | 2100 | 33,247 | | 1853 |
| 8 | 2220.2305 | 2200 | 34,978 | | 1953 |



MODULAR²
Forming System Enclosure



Longitudinal Assembly Plate Plastic Carrier Slide is mounted with 2 set screw

4000.2185



M5 NUT

4000.3263



M5x15 SCREW

Boy Montaj Plakası Plastik Taşıyıcı Kızak 2 set vidayla montajlanır.

4000.3169



WASHER

4000.3341



M6x20 SWITCH HEAD NUT

MODULAR2

Longitudinal Assembly Plate Plastic Carrier Slide

Material : Aluminum
Color : 60 mm
Type of Assembly : M5x15 channel screw



► Specifications and Intended Use

Ensures that assembly plate sits on the rail
Ensures that assembly plate moves toward front and back
Prevents assembly plate falls toward right and left
entrance of dust and insects in to the cable entry gaps
Bottom sheet is fixed with stopper nut

| LIST NO | PART CODE | WEIGHT (kg) | DIMENSIONS (mm) |
|---------|-----------|-------------|-----------------|
| 1 | 2210.0065 | 0,023 | 45,5x32x28 |

MODULAR2

Longitudinal Assembly Plate Stopper Nut PART CODE: 4000.3155

Material : Zamak
Color : Metallic
Type of Assembly : M6x20 screw



► Specifications and Intended Purpose

It fixes assembly plate
It ensures centering to the same point while assembly plate is disassembled and assembled

| LIST NO | PART CODE | WEIGHT (kg) | DIMENSIONS (mm) |
|---------|-----------|-------------|-----------------|
| 1 | 4000.3161 | 0,085 | 25x45x19 |



Montaj Plakası Derinlik Yatay Bağlantı Kızağı 2 set vidayla montajlanır.

4000.3277



M6 RIVET NUT

4000.3341



M6x20 SWITCH HEAD NUT

4000.3427



M6X10 TORQUES-HEAD GUIDE SCREW

MODULAR2

Assembly Plate Depth Lateral Joint Slide

Sheet : Aluminum
Thickness : 60 mm
Paint : M5x15 channel screw
Dimensions : 50+21+60+11 mm



► Specifications and Intended Use

Joint part connecting the full Longitudinal Assembly plate to the depth
Assembly to any mm depth desired
Quantity selection pro rata weight it will carry
Top and bottom assembly to avoid collision with lateral connection

| LIST NO | PART CODE | WEIGHT (kg) | DIMENSIONS (mm) |
|---------|-----------|-------------|-----------------|
| 1 | 2210.0045 | 0,104 | 50+21+60+11 |



MODULAR²

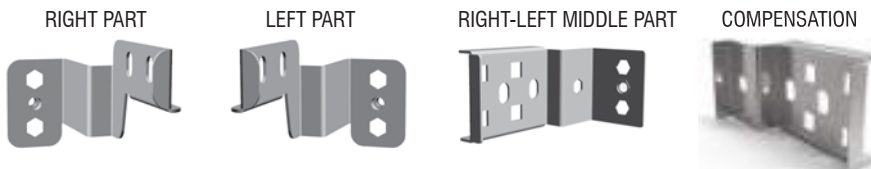
Longitudinal Assembly Plate

Front-Screw System Slides

Sheet : Galvanized sheet
 Thickness : Thickness of 1.5 mm
 Paint : Unpainted
 Twist Feature : 32+42,5+14+71 mm

► Specifications and Intended Use

Mounted with special Impus screw at front.
 Right and left sides consist of different parts
 Central assembly part is one single part
 Right choice for the places where assembly-disassembly is difficult

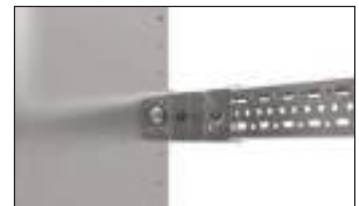


| LIST NO | PART CODE | RIGHT-LEFT | WEIGHT (kg) | DIMENSIONS (mm) |
|---------|-----------|------------------------|-------------|-----------------|
| 1 | 2210.0047 | RIGHT PART | 0,066 | 47x113,5 |
| 2 | 2210.0049 | LEFT PART | 0,066 | 47x113,5 |
| 3 | 2210.0061 | RIGHT-LEFT MIDDLE PART | 0,118 | 95x47 |
| 4 | 2210.0063 | COMPENSATION | 0,110 | 95x47 |



Longitudinal Assembly plate is mounted at front top, right-left part of assembly bracket is mounted, with 2 set screw

| | |
|-----------|-----------------------------------------|
| 4000.3277 | M6 RIVET NUT |
| 5000.1003 | M6x12x39 SPECIAL IMPUS SCREW 1 Piece |
| 4000.3427 | M6X10 TORQUES HEAD GUIDE SCREW 2 PIECES |

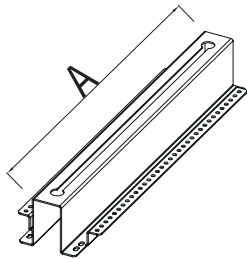
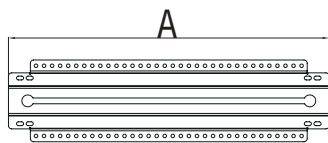
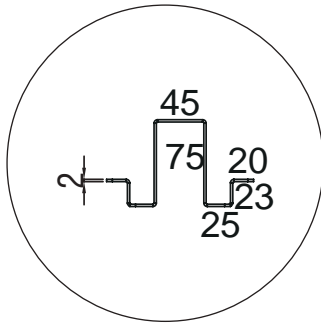


Longitudinal Assembly plate is mounted at front top, right-left part of assembly bracket is mounted, with 2 set screw

| | |
|-----------|-----------------------------------------|
| 4000.3277 | M6 RIVET NUT |
| 4000.3237 | M6x15 SWITCH HEAD SCREW |
| 4000.3427 | M6X10 TORQUES HEAD GUIDE SCREW 2 PIECES |

MODULAR2

Plate Wide Assembly Plate Bottom Carrier Rail




| LIST NO | PART CODE | Enclosure DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2311 | 400 | 1,43 | 298 |
| 2 | 2220.2313 | 500 | 1,91 | 398 |
| 3 | 2220.2315 | 600 | 2,40 | 498 |
| 4 | 2220.2317 | 700 | 2,88 | 598 |
| 5 | 2220.2319 | 800 | 3,36 | 698 |

The carriers in this table can be used with 1000-1100-1200 wide enclosures depending on the material weight.

Lower Carrier Rail is mounted with 4 Set screw


4000.3427



M6X10
TORQUES HEAD
GUIDE SCREW


Lower Carrier Rail is mounted with 4 Set screw

4000.3185



M6 NUT

4000.3265



M6x10 SCREW



Assembly plates specially applied with the dimensions 1200 mm and above



Non-welded, With modular wide assembly plate



2210.0061-03



LONGITUDINAL WIDE ASSEMBLY PLATE MIDDLE BOTTOM FIXING BRACKET

Fixing Bracket is mounted to the assembly plate with 2 set screw, and it is assembled to the bottom carrier rail with 1 set screw

4000.3427



M6X10 TORQUE HEAD GUIDE NUT

Fixing Bracket is mounted with 1 set screw

4000.3185



M6 NUT

4000.3265



M6x10 SCREW

Welding-free Assembly Plates are mounted with 20-30 screw.

4000.3423



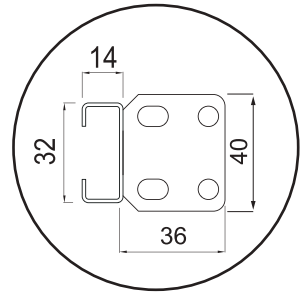
M6x10 GUIDE





MODULAR² Cable Carriers

Sheet : Galvanized sheet
 Thickness : Thickness of 1.2 mm
 Paint : Unpainted
 Twist Feature : 31x25x1.5 mm



► Specifications and Intended Use

For tying and ordering the cables from bottom of the enclosure
 Quantity selection depending on the enclosure sizes and need
 Can be screwed with kurışe or used without twisting
 Can be used with or without twisting it by hand from the head

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2321 | 400 | 0,277 | 424 |
| 2 | 2220.2323 | 500 | 0,343 | 524 |
| 3 | 2220.2325 | 600 | 0,408 | 624 |
| 4 | 2220.2327 | 700 | 0,474 | 724 |
| 5 | 2220.2329 | 800 | 0,539 | 824 |
| 6 | 2220.2331 | 900 | 0,605 | 924 |
| 7 | 2220.2333 | 1000 | 0,670 | 1024 |
| 8 | 2220.2335 | 1100 | 0,736 | 1124 |
| 9 | 2220.2337 | 1200 | 0,801 | 1224 |

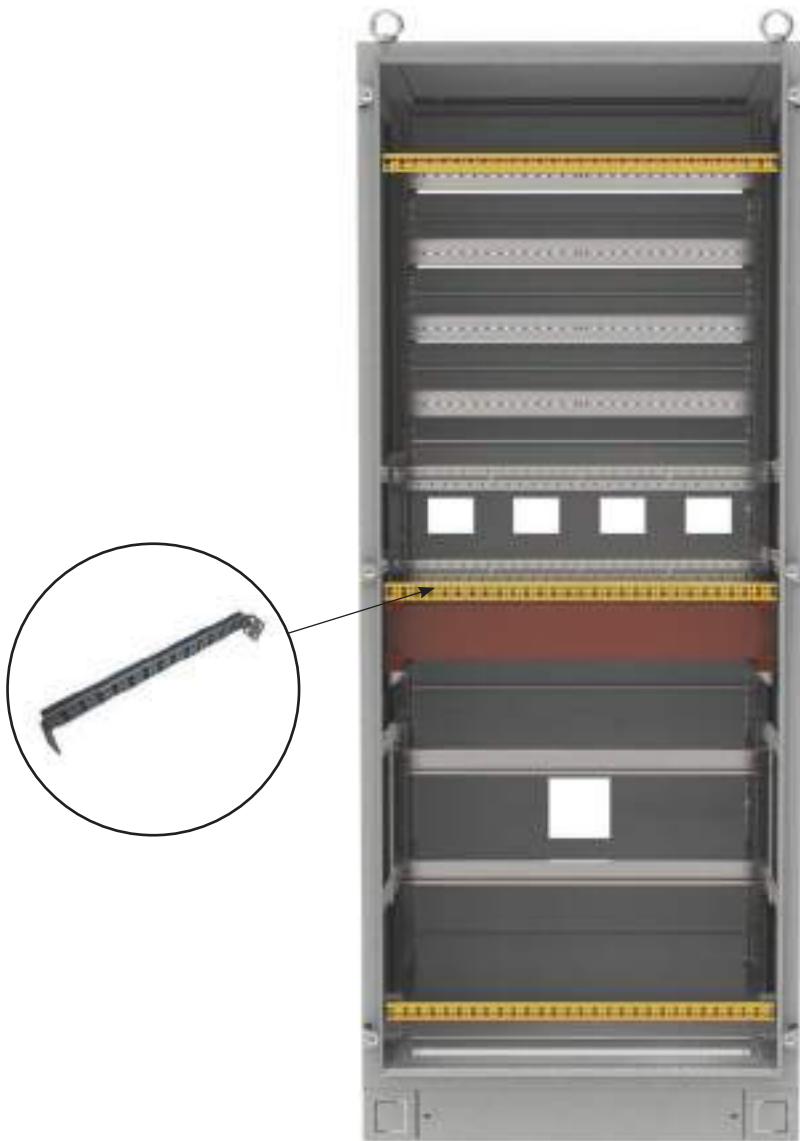


Cable Carrier is mounted with 4 sets of screw

4000.3427

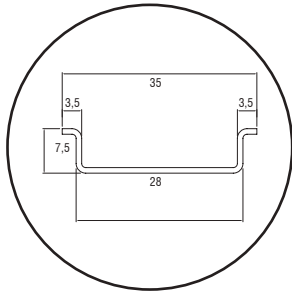


M6X10 TORQUE HEAD GUIDE SCREW



MODULAR2 W.Automat Rails

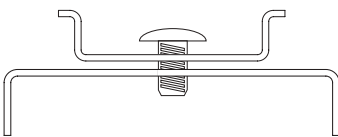
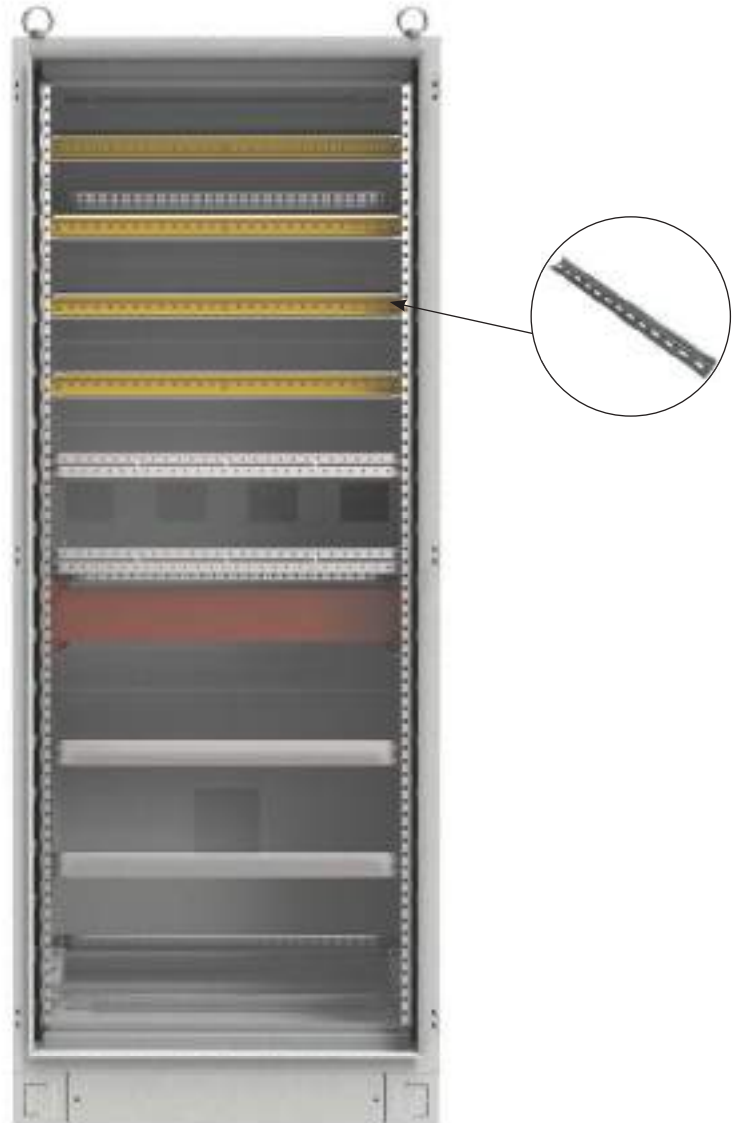
Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : Unpainted
 Dimensions : 35+7,5+1,0 mm



► Specifications and Intended Use

W Automat assembly rail
 Used with rail carrier
 Mounted with M6 Guide screw

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2341 | 400 | 0,102 | 290 |
| 2 | 2220.2343 | 500 | 0,137 | 390 |
| 3 | 2220.2345 | 600 | 0,172 | 490 |
| 4 | 2220.2347 | 700 | 0,207 | 590 |
| 5 | 2220.2349 | 800 | 0,242 | 690 |
| 6 | 2220.2351 | 900 | 0,277 | 790 |
| 7 | 2220.2353 | 1000 | 0,312 | 890 |
| 8 | 2220.2355 | 1100 | 0,348 | 990 |
| 9 | 2220.2357 | 1200 | 0,383 | 1090 |



W Automat Rails are mounted with 3 sets of screw

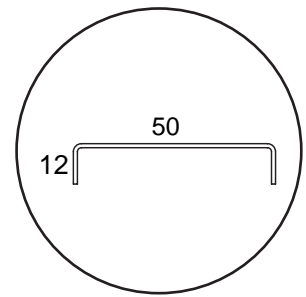
4000.3427



M6X10 TORQUE
HEAD GUIDE SCREW

MODULAR² W.Automat Rail Carriers

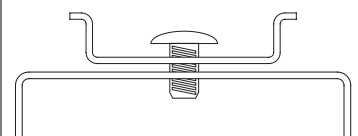
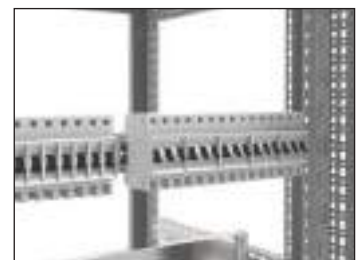
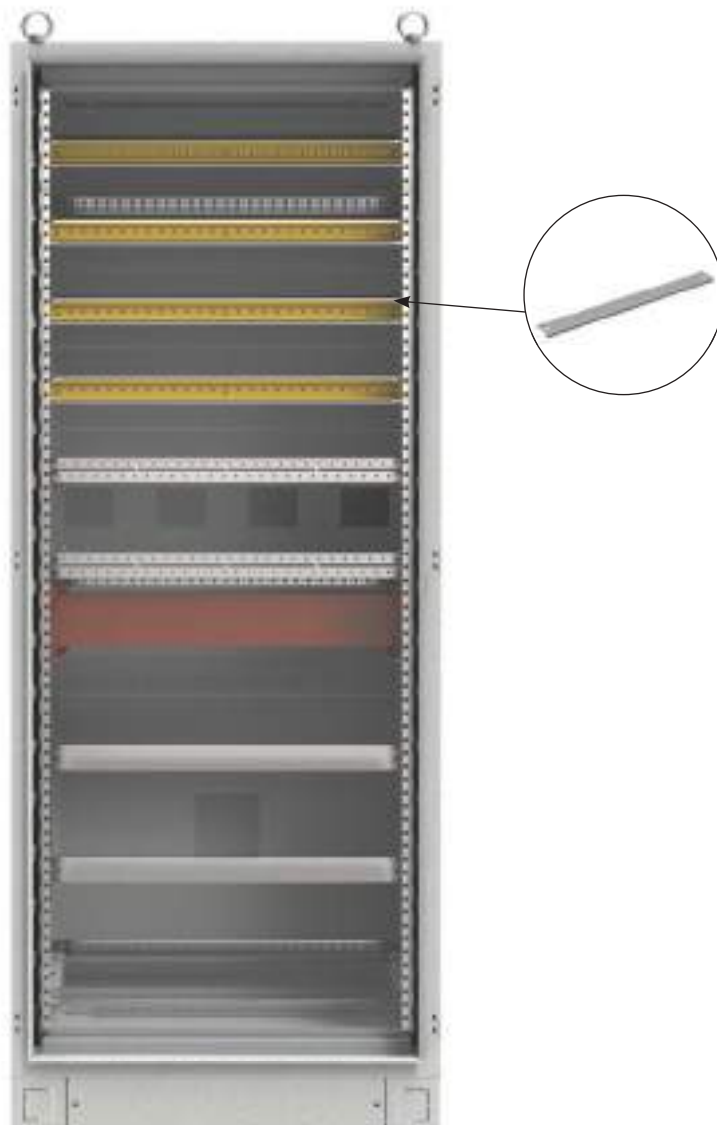
Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.0 mm
 Paint : Unpainted
 Dimensions : 12+50+12 mm



► Specifications and Intended Use

W Automat rail strengthening profile
 Dimensioned in a manner to be mounted to the Contact Hazard Protection carrier
 Mounted with M6 Guide screw

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2381 | 400 | 0,242 | 350 |
| 2 | 2220.2383 | 500 | 0,311 | 450 |
| 3 | 2220.2385 | 600 | 0,380 | 550 |
| 4 | 2220.2387 | 700 | 0,450 | 650 |
| 5 | 2220.2389 | 800 | 0,519 | 750 |
| 6 | 2220.2391 | 900 | 0,588 | 850 |
| 7 | 2220.2393 | 1000 | 0,658 | 950 |
| 8 | 2220.2395 | 1100 | 0,727 | 1050 |
| 9 | 2220.2397 | 1200 | 0,796 | 1150 |



W Automate Rail Carrier is mounted with 2 sets of screw

4000.3185

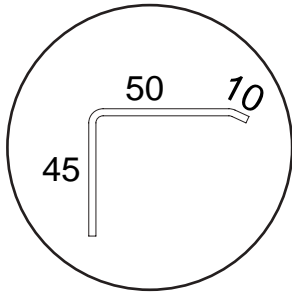


M6 NUT

4000.3265



M6x10 SCREW



MODULAR² Busbar Isolator Carriers

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : Unpainted
 Dimensions : 10+50+45 mm




► Specifications and Intended Use

For assembly with busbar from right to left
 Busbar dredge or single isolator carrier
 With right and left strengthening twist
 Mounted with M6 Guide screw or nut screw

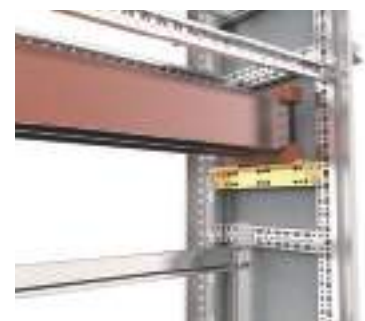
1 Busbar Carrier is mounted with 4 sets of screw

4000.3427



M6X10 TORQUE HEAD GUIDE SCREW

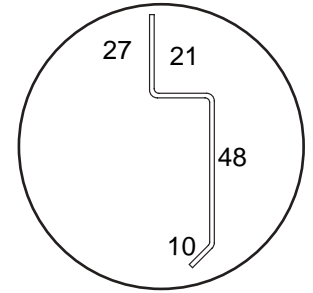
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2401 | 300 | 0,290 | 160 |
| 2 | 2220.2403 | 400 | 0,348 | 210 |
| 3 | 2220.2405 | 500 | 0,380 | 260 |
| 4 | 2220.2407 | 600 | 0,465 | 310 |
| 5 | 2220.2409 | 700-800 | 0,524 | 360 |



MODULAR²

Vertical Busbar Isolator Carriers

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : Unpainted
 Dimensions : 10+48+21 mm



► Specifications and Intended Use

For assembly with busbar from right to left side deeply
 Busbar dredge or single isolator carrier
 Mounted with M6 Guide screw or nut screw

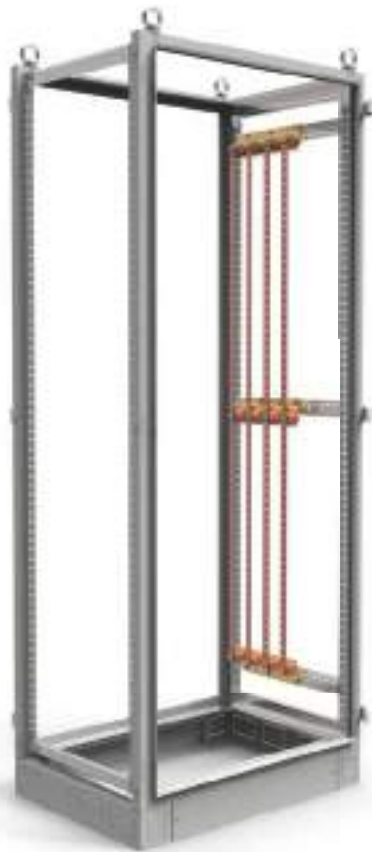
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2411 | 300 | 0,198 | 170 |
| 2 | 2220.2413 | 400 | 0,252 | 220 |
| 3 | 2220.2415 | 500 | 0,292 | 250 |
| 4 | 2220.2417 | 600 | 0,351 | 300 |
| 5 | 2220.2419 | 700-800 | 0,409 | 350 |

1 Vertical Busbar Carrier is mounted with 3 sets of screw

4000.3427

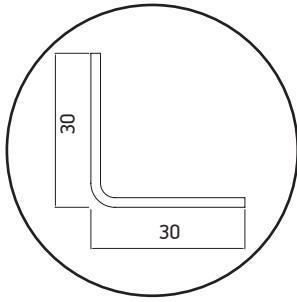


M6X10 TORQUE HEAD GUIDE SCREW



Way of assembling the lateral connection to the dredged busbar isolator





MODULAR2 Vertical Carrier Gussets

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 2.0 mm
 Paint : RAL 7035 Epoxy Polyester
 Dimensions : 30x30xconvex dimensions

► Specifications and Intended Use

Joining the assembly plate to the lateral connection
 simple and easy assembly
 With slot and circle hole with coefficient of 12,5
 Mounted with M6 guide screw or M6 nut screw
 Multi-option size



Erect Gussets are mounted with 2 or 4 sets of screw depending on the size

4000.3427



M6X10 TORQUE
 HEAD GUIDE SCREW

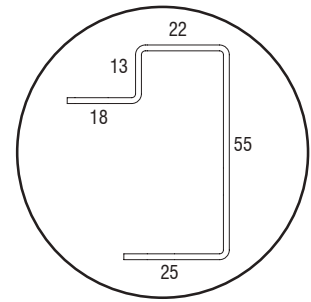
| LIST NO | PART CODE | GUSSET SIZE (mm) | WEIGHT (kg) |
|---------|-----------|------------------|-------------|
| 1 | 2220.2431 | 150 | 0,138 |
| 2 | 2220.2433 | 200 | 0,184 |
| 3 | 2220.2435 | 225 | 0,207 |
| 4 | 2220.2437 | 275 | 0,253 |
| 5 | 2220.2439 | 300 | 0,276 |
| 6 | 2220.2441 | 375 | 0,345 |
| 7 | 2220.2443 | 400 | 0,368 |
| 8 | 2220.2445 | 450 | 0,414 |
| 9 | 2220.2447 | 500 | 0,460 |
| 10 | 2220.2449 | 575 | 0,529 |
| 11 | 2220.2451 | 600 | 0,552 |
| 12 | 2220.2453 | 700 | 0,644 |
| 13 | 2220.2455 | 800 | 0,736 |
| 14 | 2220.2457 | 900 | 0,828 |
| 15 | 2220.2459 | 1000 | 0,920 |
| 16 | 2220.2461 | 1200 | 1,104 |
| 17 | 2220.2463 | 1400 | 1,310 |
| 18 | 2220.2465 | 1500 | 1,381 |
| 19 | 2220.2467 | 1650 | 1,519 |
| 20 | 2220.2469 | 1850 | 1,703 |
| 21 | 2220.2471 | 2000 | 1,841 |



MODULAR2

Contact Hazard Protection Carriers

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted
 Twist Feature : 18+13+22+55+25 mm



► Specifications and Intended Use

Contact Hazard Protection sheet carrier
 Dredge housing for easy assembly and disassembly
 Easy assembly with one screw by means of M5 cage nut
 Longitudinal cable outlets with slot
 Assembly option with M6 Guide screw or channel screw

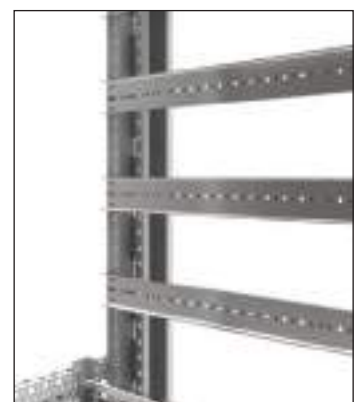
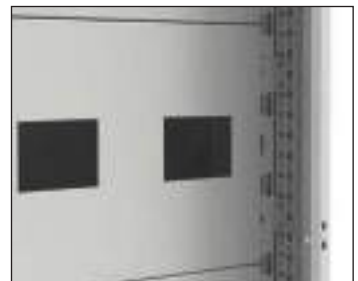
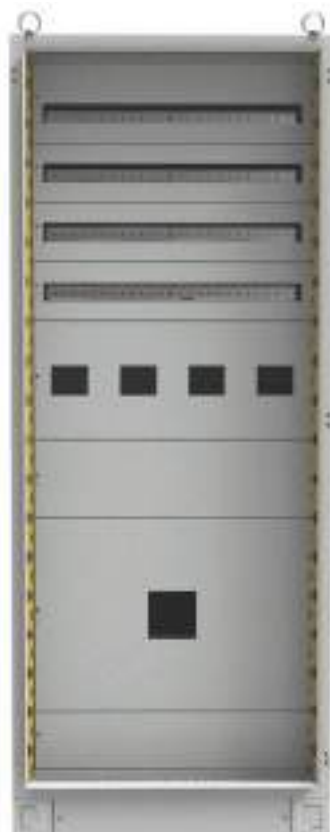
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) FOOT-BASE | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------------------|-------------|----------------|
| 1 | 2220.2481 | 1000 | 1,292 | 850 |
| 2 | 2220.2484 | 1200 | 1,597 | 1050 |
| 3 | 2220.2487 | 1400 | 1,901 | 1250 |
| 4 | 2220.2490 | 1600 | 2,205 | 1450 |
| 5 | 2220.2493 | 1800 | 2,509 | 1650 |
| 6 | 2220.2496 | 2000 | 2,813 | 1850 |
| 7 | 2220.2497 | 2100 | 2,965 | 1950 |
| 8 | 2220.2499 | 2200 | 3,118 | 2050 |

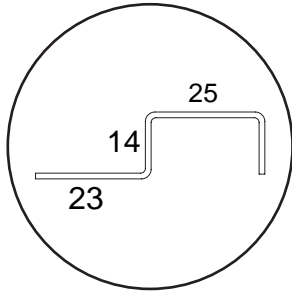
1 CHP carrier is mounted with 4 sets of screw

4000.3427





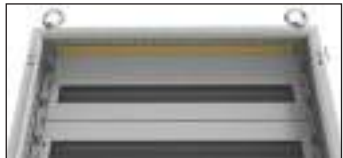
M6X10 TORQUE HEAD GUIDE SCREW





Lower-Upper CHP space closer is mounted with 2 sets of screw

| | |
|-----------------------------------------------------------------------------------|--------------------------------|
| 4000.2185 | M5 NUT |
|  | |
| 4000.3263 | M5x10 CHANNEL SCREW CHP CLOSER |
|  | |



MODULAR2 Lower-Upper Contact Hazard Protection Closers

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 25+14+25 mm



► Specifications and Intended Use

Before the assembly of enclosure Contact Hazard Protection
 For closing the spaces remaining at top and bottom
 Closes a spacing up to the thickness of carcass, to make the contact hazard protection open
 Ensures opening and closing of the bottom and upper contact hazard protection
 Mounted to the contact hazard protection carrier at right and left sides with M5 channel screw

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.2511 | 300 | 0,163 | 205 |
| 2 | 2220.2513 | 400 | 0,242 | 305 |
| 3 | 2220.2515 | 500 | 0,322 | 405 |
| 4 | 2220.2517 | 600 | 0,401 | 505 |
| 5 | 2220.2519 | 700 | 0,481 | 605 |
| 6 | 2220.2521 | 800 | 0,560 | 705 |
| 7 | 2220.2523 | 900 | 0,640 | 805 |
| 8 | 2220.2525 | 1000 | 0,720 | 905 |
| 9 | 2220.2527 | 1100 | 0,799 | 1005 |
| 10 | 2220.2529 | 1200 | 0,879 | 1105 |



Contact Hazard Protection Carrier and Contact Hazard Protection Assembly Set Sample



M5 Special Contact Hazard Protection Screw

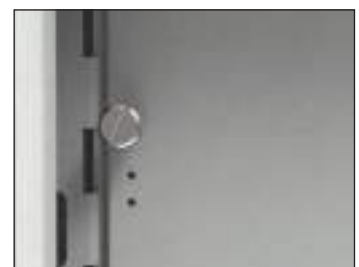
4000.2125 (Without hole)

4000.2127 (With hole)



► Specifications and Intended Use

- Fixed to the Contact hazard protections with M6 nut against lost
- Spring at the middle pushes the screw outward and flats it for using it as handle
- Tightened with screwdriver to avoid unauthorized opening by hand
- The same with hole is used in the internal covers to be sealed
- M6 narrow washer is used in between to avoid paint scratching during tightening
- Knurled sides for tightening with hand



MODULAR² Contact Hazard Protection

Spiked and hinged contact hazard protections
against falling down and lost

Options of 150-200-250-300-400-500-600-700
mm depending on the assembly material



MODULAR²

Erect Enclosure Contact Hazard Protections

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 and 1.0 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 12 mm

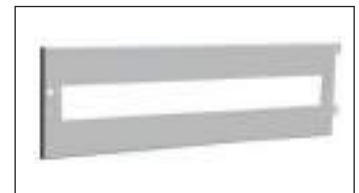
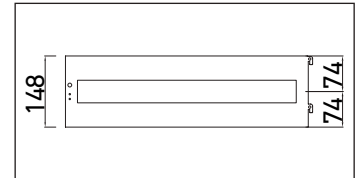
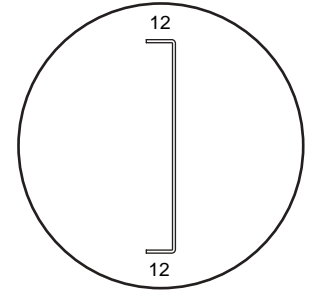
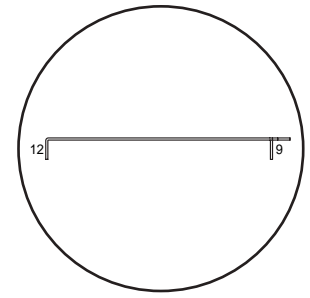
► Specifications and Intended Use

- Easy disassembly and assembly with tooth joints hinge
- Permanent solution in order not to forget re-assembly of the disassembled internal cover into its place
- Ergonomically designed screw
- Contact hazard protection screw, which can be tightened with screwdriver, to avoid unauthorized openings
- Assembly and disassembly option with one single screw

| LENGTH 150 mm (CLOSED) | | | | | |
|------------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2551 | 300 | CLOSED | 0,353 | 205 |
| 2 | 2220.2553 | 400 | CLOSED | 0,511 | 305 |
| 3 | 2220.2555 | 500 | CLOSED | 0,668 | 405 |
| 4 | 2220.2557 | 600 | CLOSED | 0,825 | 505 |
| 5 | 2220.2559 | 700 | CLOSED | 0,982 | 605 |
| 6 | 2220.2561 | 800 | CLOSED | 1,140 | 705 |
| 7 | 2220.2563 | 900 | CLOSED | 1,297 | 805 |
| 8 | 2220.2565 | 1000 | CLOSED | 1,454 | 905 |

| LENGTH 150 mm (W.AUTOMATE) | | | | | |
|----------------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2571 | 300 | 9 | 0,353 | 205 |
| 2 | 2220.2573 | 400 | 14 | 0,511 | 305 |
| 3 | 2220.2575 | 500 | 20 | 0,668 | 405 |
| 4 | 2220.2577 | 600 | 25 | 0,825 | 505 |
| 5 | 2220.2579 | 700 | 30 | 0,982 | 605 |
| 6 | 2220.2581 | 800 | 34 | 1,140 | 705 |
| 7 | 2220.2583 | 900 | 40 | 1,297 | 805 |
| 8 | 2220.2585 | 1000 | 46 | 1,454 | 905 |

| LENGTH 200 mm (CLOSED) | | | | | |
|------------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2591 | 300 | CLOSED | 0,459 | 205 |
| 2 | 2220.2593 | 400 | CLOSED | 0,663 | 305 |
| 3 | 2220.2595 | 500 | CLOSED | 0,867 | 405 |
| 4 | 2220.2597 | 600 | CLOSED | 1,071 | 505 |
| 5 | 2220.2599 | 700 | CLOSED | 1,275 | 605 |
| 6 | 2220.2601 | 800 | CLOSED | 1,479 | 705 |
| 7 | 2220.2603 | 900 | CLOSED | 1,683 | 805 |
| 8 | 2220.2605 | 1000 | CLOSED | 1,887 | 905 |



Coating covers, those up to 500 mm height, are mounted with 1 sets of screw

4000.2125



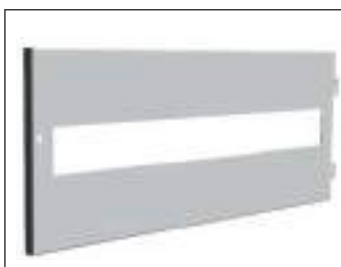
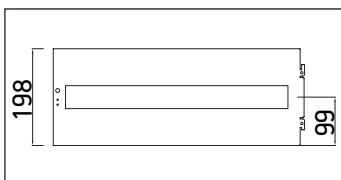
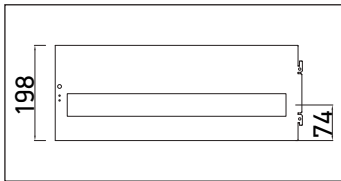
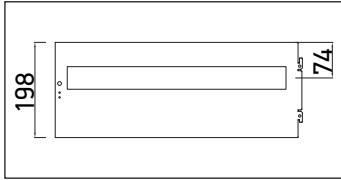
M5 SPECIAL SCREW

4000.3221



M5
CAGE NUT

MODULAR² Erect Enclosure Contact Hazard Protections



(LENGTH 200 mm W.AUTOMATE CLOSE TO THE TOP)

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
|---------|-----------|----------------------|----------------|-------------|-----------------|
| 1 | 2220.2611 | 300 | 9 | 0,459 | 205 |
| 2 | 2220.2613 | 400 | 14 | 0,663 | 305 |
| 3 | 2220.2615 | 500 | 20 | 0,867 | 405 |
| 4 | 2220.2617 | 600 | 25 | 1,071 | 505 |
| 5 | 2220.2619 | 700 | 30 | 1,275 | 605 |
| 6 | 2220.2621 | 800 | 34 | 1,479 | 705 |
| 7 | 2220.2623 | 900 | 40 | 1,683 | 805 |
| 8 | 2220.2625 | 1000 | 46 | 1,887 | 905 |

(LENGTH 200 mm W.AUTOMATE CLOSE TO THE BOTTOM)

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
|---------|-----------|----------------------|----------------|-------------|-----------------|
| 1 | 2220.2631 | 300 | 9 | 0,459 | 205 |
| 2 | 2220.2633 | 400 | 14 | 0,663 | 305 |
| 3 | 2220.2635 | 500 | 20 | 0,867 | 405 |
| 4 | 2220.2637 | 600 | 25 | 1,071 | 505 |
| 5 | 2220.2639 | 700 | 30 | 1,275 | 605 |
| 6 | 2220.2641 | 800 | 34 | 1,479 | 705 |
| 7 | 2220.2643 | 900 | 40 | 1,683 | 805 |
| 8 | 2220.2645 | 1000 | 46 | 1,887 | 905 |

(LENGTH 200 mm W.AUTOMATE AT THE MIDDLE)

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
|---------|-----------|----------------------|----------------|-------------|-----------------|
| 1 | 2220.2651 | 300 | 9 | 0,459 | 205 |
| 2 | 2220.2653 | 400 | 14 | 0,663 | 305 |
| 3 | 2220.2655 | 500 | 20 | 0,867 | 405 |
| 4 | 2220.2657 | 600 | 25 | 1,071 | 505 |
| 5 | 2220.2659 | 700 | 30 | 1,275 | 605 |
| 6 | 2220.2661 | 800 | 34 | 1,479 | 705 |
| 7 | 2220.2663 | 900 | 40 | 1,683 | 805 |
| 8 | 2220.2665 | 1000 | 46 | 1,887 | 905 |

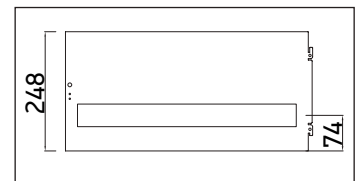
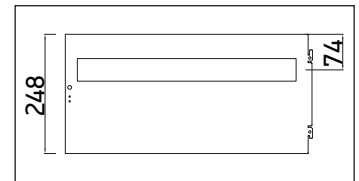
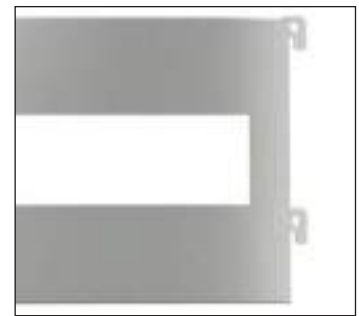
MODULAR²

Erect Enclosure Contact Hazard Protections

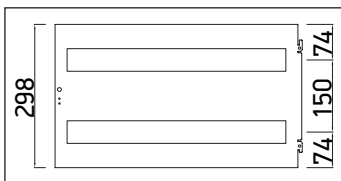
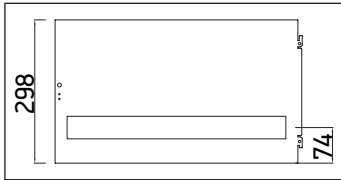
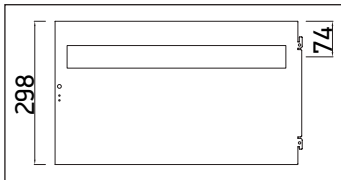
| LENGTH 250 mm (CLOSED) | | | | | |
|------------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2671 | 300 | CLOSED | 0,565 | 205 |
| 2 | 2220.2673 | 400 | CLOSED | 0,815 | 305 |
| 3 | 2220.2675 | 500 | CLOSED | 1,066 | 405 |
| 4 | 2220.2677 | 600 | CLOSED | 1,316 | 505 |
| 5 | 2220.2679 | 700 | CLOSED | 1,567 | 605 |
| 6 | 2220.2681 | 800 | CLOSED | 1,818 | 705 |
| 7 | 2220.2683 | 900 | CLOSED | 2,069 | 805 |
| 8 | 2220.2685 | 1000 | CLOSED | 2,360 | 905 |

| (LENGTH 250 mm W.AUTOMATE CLOSE TO THE TOP) | | | | | |
|---------------------------------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2691 | 300 | 9 | 0,565 | 205 |
| 2 | 2220.2693 | 400 | 14 | 0,815 | 305 |
| 3 | 2220.2695 | 500 | 20 | 1,066 | 405 |
| 4 | 2220.2697 | 600 | 25 | 1,316 | 505 |
| 5 | 2220.2699 | 700 | 30 | 1,567 | 605 |
| 6 | 2220.2701 | 800 | 34 | 1,818 | 705 |
| 7 | 2220.2703 | 900 | 40 | 2,069 | 805 |
| 8 | 2220.2705 | 1000 | 46 | 2,360 | 905 |

| (LENGTH 250 mm W.AUTOMATE CLOSE TO THE BOTTOM) | | | | | |
|------------------------------------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2711 | 300 | 9 | 0,565 | 205 |
| 2 | 2220.2713 | 400 | 14 | 0,815 | 305 |
| 3 | 2220.2715 | 500 | 20 | 1,066 | 405 |
| 4 | 2220.2717 | 600 | 25 | 1,316 | 505 |
| 5 | 2220.2718 | 700 | 30 | 1,567 | 605 |
| 6 | 2220.2721 | 800 | 34 | 1,818 | 705 |
| 7 | 2220.2723 | 900 | 40 | 2,069 | 805 |
| 8 | 2220.2725 | 1000 | 46 | 2,360 | 905 |



MODULAR² Erect Enclosure Contact Hazard Protections



(LENGTH 300 mm CLOSED)

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
|---------|-----------|----------------------|----------------|-------------|-----------------|
| 1 | 2220.2731 | 300 | CLOSED | 0,669 | 205 |
| 2 | 2220.2733 | 400 | CLOSED | 0,967 | 305 |
| 3 | 2220.2735 | 500 | CLOSED | 1,265 | 405 |
| 4 | 2220.2737 | 600 | CLOSED | 1,562 | 505 |
| 5 | 2220.2739 | 700 | CLOSED | 1,860 | 605 |
| 6 | 2220.2741 | 800 | CLOSED | 2,157 | 705 |
| 7 | 2220.2743 | 900 | CLOSED | 2,455 | 805 |
| 8 | 2220.2745 | 1000 | CLOSED | 2,753 | 905 |

(LENGTH 300 mm W.AUTOMATE CLOSE TO THE TOP)

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
|---------|-----------|----------------------|----------------|-------------|-----------------|
| 1 | 2220.2751 | 300 | 9 | 0,669 | 205 |
| 2 | 2220.2753 | 400 | 14 | 0,967 | 305 |
| 3 | 2220.2755 | 500 | 20 | 1,265 | 405 |
| 4 | 2220.2757 | 600 | 25 | 1,562 | 505 |
| 5 | 2220.2759 | 700 | 30 | 1,860 | 605 |
| 6 | 2220.2761 | 800 | 34 | 2,157 | 705 |
| 7 | 2220.2763 | 900 | 40 | 2,455 | 805 |
| 8 | 2220.2765 | 1000 | 46 | 2,753 | 905 |

(LENGTH 300 mm W.AUTOMATE CLOSE TO THE BOTTOM)

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
|---------|-----------|----------------------|----------------|-------------|-----------------|
| 1 | 2220.2771 | 300 | 9 | 0,669 | 205 |
| 2 | 2220.2773 | 400 | 14 | 0,967 | 305 |
| 3 | 2220.2775 | 500 | 20 | 1,265 | 405 |
| 4 | 2220.2777 | 600 | 25 | 1,562 | 505 |
| 5 | 2220.2779 | 700 | 30 | 1,860 | 605 |
| 6 | 2220.2781 | 800 | 34 | 2,157 | 705 |
| 7 | 2220.2783 | 900 | 40 | 2,455 | 805 |
| 8 | 2220.2785 | 1000 | 46 | 2,753 | 905 |

(LENGTH 300 mm W.AUTOMATE WITH TWO ROWS)

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
|---------|-----------|----------------------|----------------|-------------|-----------------|
| 1 | 2220.2791 | 300 | 18 | 0,669 | 205 |
| 2 | 2220.2793 | 400 | 28 | 0,967 | 305 |
| 3 | 2220.2795 | 500 | 40 | 1,265 | 405 |
| 4 | 2220.2797 | 600 | 50 | 1,562 | 505 |
| 5 | 2220.2799 | 700 | 60 | 1,860 | 605 |
| 6 | 2220.2801 | 800 | 68 | 2,157 | 705 |
| 7 | 2220.2803 | 900 | 80 | 2,455 | 805 |
| 8 | 2220.2805 | 1000 | 92 | 2,753 | 905 |

MODULAR²

Erect Enclosure Contact Hazard Protections

| LENGTH 400 mm CLOSED | | | | | |
|----------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2811 | 300 | CLOSED | 0,880 | 205 |
| 2 | 2220.2813 | 400 | CLOSED | 1,271 | 305 |
| 3 | 2220.2815 | 500 | CLOSED | 1,662 | 405 |
| 4 | 2220.2817 | 600 | CLOSED | 2,054 | 505 |
| 5 | 2220.2819 | 700 | CLOSED | 2,445 | 605 |
| 6 | 2220.2821 | 800 | CLOSED | 2,836 | 705 |
| 7 | 2220.2823 | 900 | CLOSED | 3,227 | 805 |
| 8 | 2220.2825 | 1000 | CLOSED | 3,619 | 905 |

| LENGTH 500 mm CLOSED | | | | | |
|----------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2831 | 300 | CLOSED | 1,090 | 205 |
| 2 | 2220.2833 | 400 | CLOSED | 1,575 | 305 |
| 3 | 2220.2835 | 500 | CLOSED | 2,060 | 405 |
| 4 | 2220.2837 | 600 | CLOSED | 2,545 | 505 |
| 5 | 2220.2839 | 700 | CLOSED | 3,030 | 605 |
| 6 | 2220.2841 | 800 | CLOSED | 3,515 | 705 |
| 7 | 2220.2843 | 900 | CLOSED | 3,999 | 805 |
| 8 | 2220.2845 | 1000 | CLOSED | 4,484 | 905 |

| LENGTH 600 mm CLOSED | | | | | |
|----------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2851 | 300 | CLOSED | 1,301 | 205 |
| 2 | 2220.2853 | 400 | CLOSED | 1,879 | 305 |
| 3 | 2220.2855 | 500 | CLOSED | 2,458 | 405 |
| 4 | 2220.2857 | 600 | CLOSED | 3,036 | 505 |
| 5 | 2220.2859 | 700 | CLOSED | 3,615 | 605 |
| 6 | 2220.2861 | 800 | CLOSED | 4,193 | 705 |
| 7 | 2220.2863 | 900 | CLOSED | 4,772 | 805 |
| 8 | 2220.2865 | 1000 | CLOSED | 5,350 | 905 |

| LENGTH 700 mm CLOSED | | | | | |
|----------------------|-----------|----------------------|----------------|-------------|-----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | W.AUTOMATE QTY | WEIGHT (kg) | PART WIDTH (mm) |
| 1 | 2220.2871 | 300 | CLOSED | 1,512 | 205 |
| 2 | 2220.2873 | 400 | CLOSED | 2,184 | 305 |
| 3 | 2220.2875 | 500 | CLOSED | 2,856 | 405 |
| 4 | 2220.2877 | 600 | CLOSED | 3,528 | 505 |
| 5 | 2220.2879 | 700 | CLOSED | 4,200 | 605 |
| 6 | 2220.2881 | 800 | CLOSED | 4,872 | 705 |
| 7 | 2220.2883 | 900 | CLOSED | 5,544 | 805 |
| 8 | 2220.2885 | 1000 | CLOSED | 6,216 | 905 |



Those with dimension 600 mm and above are mounted with 2 sets of screw in coating covers

4000.2125

M5 SPECIAL SCREW



4000.3221

M5
CAGE NUT



MODULAR² Top Covers IP40

Countersunk raising nut and
countersunk top cover,

Ensures easy assembly and
avoids crushing
during tightening the screw



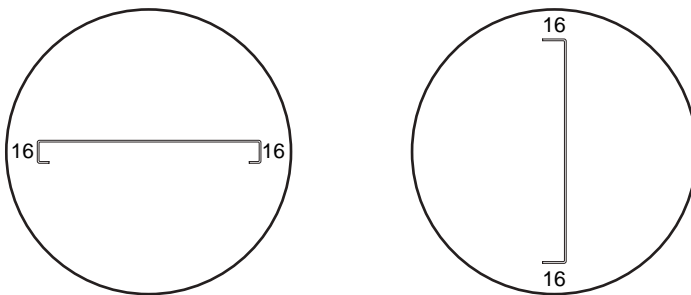
MODULAR² Top Covers (IP40)

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 8+16 mm right-left, 16 mm front-back



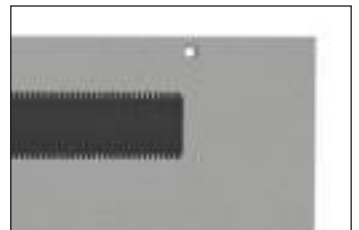
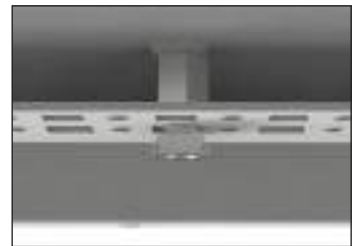
► Specifications and Intended Use

Disassembly and assembly option with four screws and cage nut
 Double twist from right and left sides, single twist at front and back
 Assembly option by taping internally with blind-head screw in order to assemble it externally
 With fan unit place
 Can be completely closed or arranged depending on brush, union, Eva seal, busbar at request



1000-1200 mm side covers are mounted with 4 sets of screw, 1400-above mm side covers are mounted with 6 sets of screw

| | |
|-----------|------------------------------|
| 4000.3223 | M6 CAGE NUT |
| 4000.3117 | SIDE COVER RAISING NUT-SCREW |
| 4000.3403 | M6x10 SCREW |



| Enclosure Width: 300 mm | | | | | |
|-------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2891 | 400 | 1,367 | 300 | 293 |
| 2 | 2220.2893 | 500 | 1,766 | | 393 |
| 3 | 2220.2895 | 600 | 2,181 | | 493 |
| 4 | 2220.2897 | 700 | 2,597 | | 593 |
| 5 | 2220.2899 | 800 | 3,012 | | 693 |

| Enclosure Width: 400 mm | | | | | |
|-------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2901 | 400 | 1,367 | 400 | 293 |
| 2 | 2220.2903 | 500 | 1,766 | | 393 |
| 3 | 2220.2905 | 600 | 2,181 | | 493 |
| 4 | 2220.2907 | 700 | 2,597 | | 593 |
| 5 | 2220.2909 | 800 | 3,012 | | 693 |

MODULAR² Top Covers (IP40)



| Enclosure Width: 500 mm | | | | | |
|-------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2921 | 400 | 1,367 | 500 | 293 |
| 2 | 2220.2923 | 500 | 1,766 | | 393 |
| 3 | 2220.2925 | 600 | 2,181 | | 493 |
| 4 | 2220.2927 | 700 | 2,597 | | 593 |
| 5 | 2220.2929 | 800 | 3,012 | | 693 |



| Enclosure Width: 600 mm | | | | | |
|-------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2931 | 400 | 1,367 | 600 | 293 |
| 2 | 2220.2933 | 500 | 1,766 | | 393 |
| 3 | 2220.2935 | 600 | 2,181 | | 493 |
| 4 | 2220.2937 | 700 | 2,597 | | 593 |
| 5 | 2220.2939 | 800 | 3,012 | | 693 |



| Enclosure Width: 700 mm | | | | | |
|-------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2951 | 400 | 2,263 | 700 | 293 |
| 2 | 2220.2953 | 500 | 2,959 | | 393 |
| 3 | 2220.2955 | 600 | 3,656 | | 493 |
| 4 | 2220.2957 | 700 | 4,352 | | 593 |
| 5 | 2220.2959 | 800 | 5,048 | | 693 |



| Enclosure Width: 800 mm | | | | | |
|-------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2961 | 400 | 2,567 | 800 | 293 |
| 2 | 2220.2963 | 500 | 3,357 | | 393 |
| 3 | 2220.2965 | 600 | 4,147 | | 493 |
| 4 | 2220.2967 | 700 | 4,937 | | 593 |
| 5 | 2220.2969 | 800 | 5,727 | | 693 |

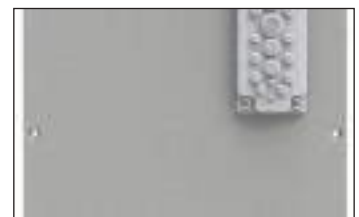
MODULAR² Top Covers (IP40)

| Enclosure Width: 900 mm | | | | | |
|--------------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2981 | 400 | 2,871 | 900 | 293 |
| 2 | 2220.2983 | 500 | 3,755 | | 393 |
| 3 | 2220.2985 | 600 | 4,126 | | 493 |
| 4 | 2220.2987 | 700 | 5,522 | | 593 |
| 5 | 2220.2989 | 800 | 6,405 | | 693 |

| Enclosure Width: 1000 mm | | | | | |
|---------------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.2991 | 400 | 3,175 | 1000 | 293 |
| 2 | 2220.2993 | 500 | 4,153 | | 393 |
| 3 | 2220.2995 | 600 | 5,130 | | 493 |
| 4 | 2220.2997 | 700 | 6,107 | | 593 |
| 5 | 2220.2999 | 800 | 7,084 | | 693 |

| Enclosure Width: 1100 mm | | | | | |
|---------------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.3001 | 400 | 3,480 | 1100 | 293 |
| 2 | 2220.3003 | 500 | 4,551 | | 393 |
| 3 | 2220.3005 | 600 | 5,622 | | 493 |
| 4 | 2220.3007 | 700 | 6,692 | | 593 |
| 5 | 2220.3009 | 800 | 7,763 | | 693 |

| Enclosure Width: 1200 mm | | | | | |
|---------------------------------|-----------|----------------------|-------------|--------------------|-------------|
| LIST NO | PART CODE | ENCLOSURE WIDHT (mm) | WEIGHT (kg) | TWISTED DIMENSIONS | |
| | | | | WIDTH (mm) | LENGTH (mm) |
| 1 | 2220.3011 | 400 | 3,784 | 1200 | 293 |
| 2 | 2220.3013 | 500 | 4,949 | | 393 |
| 3 | 2220.3015 | 600 | 6,113 | | 493 |
| 4 | 2220.3017 | 700 | 7,277 | | 593 |
| 5 | 2220.3019 | 800 | 8,442 | | 693 |

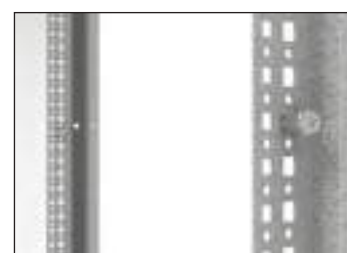
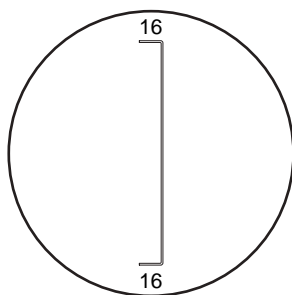
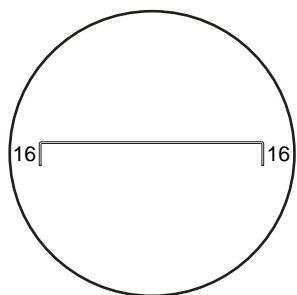


MODULAR² Side Covers (IP40)

Countersunk raising nut and
countersunk top cover,

Ensures easy assembly and
avoids crushing
during tightening the screw





1000-1200 mm side covers are mounted with 4 sets of screw, 1400-above mm side covers are mounted with 6 sets of screw

4000.3223

M6 CAGE NUT



4000.3117

SIDE COVER RAISING NUT-SCREW



4000.3403

M6x10 SCREW



MODULAR² Side Covers (IP40)

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 16 mm

► Specifications and Intended Use

Easy disassembly and assembly option with special nut screw preventing the inward collapse
 Can be sat on the plinth on the ground and aligned while inserting to its place
 Can be easily inserted to the space in the carcass at right and left side without outward protrusion
 1000-1200 mm side covers are mounted with 4 sets of screw
 1400 and above side covers are mounted with 6 sets of screw
 Countersunk side cover raising screw-nut and preventing crushing of the cover
 Assembly option by taping internally with blind-head screw in order not to let it to be assembled externally
 Feature of side by side cassettes not exceeding the enclosure carcass dimensions
 Embedded within the carcass ensures assembly easiness

| Depth: 400 mm Net Dimension: 293 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3141 | 1000 | 2,774 | 880 |
| 2 | 2220.3143 | 1200 | 3,382 | 1080 |

| Depth: 400 mm Net Dimension: 293 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3145 | 1400 | 3,990 | 1280 |
| 2 | 2220.3147 | 1600 | 4,599 | 1480 |
| 3 | 2220.3149 | 1800 | 5,207 | 1680 |
| 4 | 2220.3151 | 2000 | 5,816 | 1880 |
| 5 | 2220.3153 | 2100 | 6,120 | 1980 |
| 6 | 2220.3155 | 2200 | 6,272 | 2080 |

| Depth: 500 mm Net Dimension: 393 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3161 | 1000 | 3,627 | 880 |
| 2 | 2220.3163 | 1200 | 4,423 | 1080 |

| Depth: 500 mm Net Dimension: 393 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3165 | 1400 | 5,219 | 1280 |
| 2 | 2220.3167 | 1600 | 6,014 | 1480 |
| 3 | 2220.3169 | 1800 | 6,810 | 1680 |
| 4 | 2220.3171 | 2000 | 7,605 | 1880 |
| 5 | 2220.3173 | 2100 | 8,003 | 1980 |
| 6 | 2220.3175 | 2200 | 8,202 | 2080 |

MODULAR²

Side Covers (IP40)

| Depth: 600 mm Net Dimension: 493 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3181 | 1000 | 2,774 | 880 |
| 2 | 2220.3183 | 1200 | 3,382 | 1080 |

| Depth: 600 mm Net Dimension: 493 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3185 | 1400 | 6,447 | 1280 |
| 2 | 2220.3187 | 1600 | 7,429 | 1480 |
| 3 | 2220.3189 | 1800 | 8,412 | 1680 |
| 4 | 2220.3191 | 2000 | 9,395 | 1880 |
| 5 | 2220.3193 | 2100 | 9,886 | 1980 |
| 6 | 2220.3195 | 2200 | 10,132 | 2080 |

| Depth: 700 mm Net Dimension: 593 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3201 | 1000 | 5,335 | 880 |
| 2 | 2220.3203 | 1200 | 6,505 | 1080 |

| Depth: 700 mm Net Dimension: 593 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3205 | 1400 | 7,675 | 1280 |
| 2 | 2220.3207 | 1600 | 8,845 | 1480 |
| 3 | 2220.3209 | 1800 | 10,015 | 1680 |
| 4 | 2220.3211 | 2000 | 11,185 | 1880 |
| 5 | 2220.3213 | 2100 | 11,770 | 1980 |
| 6 | 2220.3215 | 2200 | 12,062 | 2080 |

| Depth: 800 mm Net Dimension: 693 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | Enclosure SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3221 | 1000 | 6,188 | 880 |
| 2 | 2220.3223 | 1200 | 7,546 | 1080 |

| Depth: 800 mm Net Dimension: 693 mm | | | | |
|-------------------------------------|-----------|--------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3225 | 1400 | 8,903 | 1280 |
| 2 | 2220.3227 | 1600 | 10,260 | 1480 |
| 3 | 2220.3229 | 1800 | 11,617 | 1680 |
| 4 | 2220.3231 | 2000 | 12,974 | 1880 |
| 5 | 2220.3233 | 2100 | 13,653 | 1980 |
| 6 | 2220.3235 | 2200 | 13,992 | 2080 |



MODULAR² Back Covers IP55

Polyurethane seal ensuring
IP55 protection

Countersunk back cover is easily
and comfortably mounted to the
back cover assembly bracket
designed with countersunk, and
conically

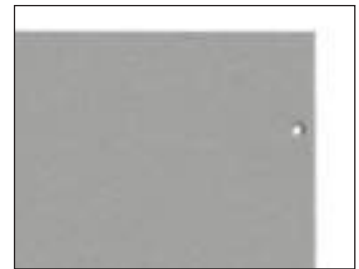


MODULAR² Back Covers IP55

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 18 mm

► Specifications and Intended Use

- With countersunk hole and zero external protrusion
- With polyurethane seal
- With countersunk assembly bracket for easy assembly
- Internally screwed bracket is used to avoid external disassembly
- Fitting for disassembly and replaced with front door



1000-1200 mm back covers are mounted with 4 sets of screw, 1400-above mm back covers are mounted with 6 sets of screw

4000.2185



M5 NUT
2 Ad.

4000.3263



M5x10
2 Ad.

2210.0081

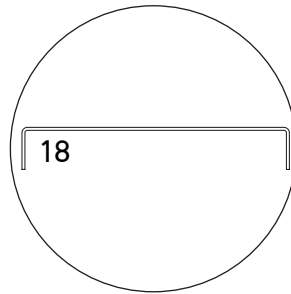
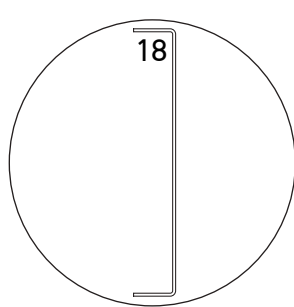


BACK COVER
ASSEMBLY BRACKET
1 PIECE

4000.3405



M6x20
1 Ad.



| Enclosures with 300 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3241 | 1000 | 2,872 | 898 |
| 2 | 2220.3243 | 1200 | 3,490 | 1098 |

| Enclosures with 300 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3245 | 1400 | 4,108 | 1298 |
| 2 | 2220.3247 | 1600 | 4,725 | 1498 |
| 3 | 2220.3249 | 1800 | 5,343 | 1698 |
| 4 | 2220.3251 | 2000 | 5,961 | 1898 |
| 5 | 2220.3253 | 2100 | 6,270 | 1998 |
| 6 | 2220.3255 | 2200 | 6,625 | 2098 |

| Enclosures with 400 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3261 | 1000 | 3,743 | 898 |
| 2 | 2220.3263 | 1200 | 4,548 | 1098 |

| Enclosures with 400 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3265 | 1400 | 5,352 | 1298 |
| 2 | 2220.3267 | 1600 | 6,157 | 1498 |
| 3 | 2220.3269 | 1800 | 6,962 | 1698 |
| 4 | 2220.3271 | 2000 | 7,767 | 1898 |
| 5 | 2220.3273 | 2100 | 8,170 | 1998 |
| 6 | 2220.3275 | 2200 | 8,620 | 2098 |

MODULAR² Back Covers IP55

With four screws



| Enclosures with 500 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3281 | 1000 | 4,613 | 898 |
| 2 | 2220.3283 | 1200 | 5,605 | 1098 |

| Enclosures with 500 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3285 | 1400 | 6,597 | 1298 |
| 2 | 2220.3287 | 1600 | 7,590 | 1498 |
| 3 | 2220.3289 | 1800 | 8,582 | 1698 |
| 4 | 2220.3291 | 2000 | 9,574 | 1898 |
| 5 | 2220.3293 | 2100 | 10,070 | 1998 |
| 6 | 2220.3295 | 2200 | 10,616 | 2098 |

| Enclosures with 600 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3301 | 1000 | 5,485 | 898 |
| 2 | 2220.3303 | 1200 | 6,663 | 1098 |

| Enclosures with 600 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3305 | 1400 | 7,840 | 1298 |
| 2 | 2220.3307 | 1600 | 9,022 | 1498 |
| 3 | 2220.3309 | 1800 | 10,200 | 1698 |
| 4 | 2220.3311 | 2000 | 11,390 | 1898 |
| 5 | 2220.3313 | 2100 | 11,970 | 1998 |
| 6 | 2220.3315 | 2200 | 12,611 | 2098 |

| Enclosures with 700 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3321 | 1000 | 6,354 | 898 |
| 2 | 2220.3323 | 1200 | 7,720 | 1098 |

| Enclosures with 700 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3325 | 1400 | 9,087 | 1298 |
| 2 | 2220.3327 | 1600 | 10,454 | 1498 |
| 3 | 2220.3329 | 1800 | 11,820 | 1698 |
| 4 | 2220.3331 | 2000 | 13,187 | 1898 |
| 5 | 2220.3333 | 2100 | 13,870 | 1998 |
| 6 | 2220.3335 | 2200 | 14,607 | 2098 |

| Enclosures with 800 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3341 | 1000 | 7,224 | 898 |
| 2 | 2220.3343 | 1200 | 8,778 | 1098 |

| Enclosures with 800 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3345 | 1400 | 10,033 | 1298 |
| 2 | 2220.3347 | 1600 | 11,886 | 1498 |
| 3 | 2220.3349 | 1800 | 13,440 | 1698 |
| 4 | 2220.3351 | 2000 | 14,993 | 1898 |
| 5 | 2220.3353 | 2100 | 15,770 | 1998 |
| 6 | 2220.3355 | 2200 | 16,602 | 2098 |

With six screws



MODULAR²

Back Covers IP55

With four screws



| Enclosures with 900 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3361 | 1000 | 8,095 | 898 |
| 2 | 2220.3363 | 1200 | 9,863 | 1098 |

| Enclosures with 900 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|--------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3365 | 1400 | 11,577 | 1298 |
| 2 | 2220.3367 | 1600 | 13,318 | 1498 |
| 3 | 2220.3369 | 1800 | 15,060 | 1698 |
| 4 | 2220.3371 | 2000 | 16,800 | 1898 |
| 5 | 2220.3373 | 2100 | 17,670 | 1998 |
| 6 | 2220.3375 | 2200 | 18,598 | 2098 |

| Enclosures with 1000 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|---------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3381 | 1000 | 8,965 | 898 |
| 2 | 2220.3383 | 1200 | 10,894 | 1098 |

| Enclosures with 1000 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|---------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3385 | 1400 | 12,822 | 1298 |
| 2 | 2220.3387 | 1600 | 14,750 | 1498 |
| 3 | 2220.3389 | 1800 | 16,678 | 1698 |
| 4 | 2220.3391 | 2000 | 18,605 | 1898 |
| 5 | 2220.3393 | 2100 | 19,570 | 1998 |
| 6 | 2220.3395 | 2200 | 20,594 | 2098 |

| Enclosures with 1100 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|---------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3401 | 1000 | 9,836 | 898 |
| 2 | 2220.3403 | 1200 | 11,952 | 1098 |

| Enclosures with 1100 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|---------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3405 | 1400 | 14,067 | 1298 |
| 2 | 2220.3407 | 1600 | 16,183 | 1498 |
| 3 | 2220.3409 | 1800 | 18,298 | 1698 |
| 4 | 2220.3411 | 2000 | 20,413 | 1898 |
| 5 | 2220.3413 | 2100 | 21,471 | 1998 |
| 6 | 2220.3415 | 2200 | 22,529 | 2098 |

With six screws



| Enclosures with 1200 mm Width (DOUBLE SCREW BACK COVER) | | | | |
|---------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3421 | 1000 | 10,707 | 898 |
| 2 | 2220.3423 | 1200 | 13,009 | 1098 |

| Enclosures with 1200 mm Width (TRIPLE SCREW BACK COVER) | | | | |
|---------------------------------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | PART SIZE (mm) |
| 1 | 2220.3425 | 1400 | 15,312 | 1298 |
| 2 | 2220.3427 | 1600 | 17,615 | 1498 |
| 3 | 2220.3429 | 1800 | 19,917 | 1698 |
| 4 | 2220.3431 | 2000 | 22,220 | 1898 |
| 5 | 2220.3433 | 2100 | 23,371 | 1998 |
| 6 | 2220.3435 | 2200 | 24,522 | 2098 |

1000-1200 mm back covers are mounted with 4 sets of screw, 1400-above mm back covers are mounted with 6 sets of screw

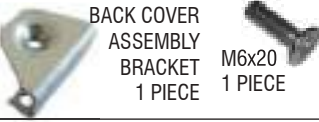
4000.2185 4000.3263



M5 NUT
2 PIECE

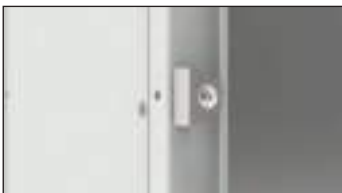
M5x10
2 PIECE

2210.0081 4000.3405



BACK COVER
ASSEMBLY
BRACKET
1 PIECE

M6x20
1 PIECE



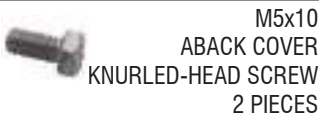
1000-1200 mm sealed enclosure internal threaded bracket is mounted with 4 sets of screw, the one with 1400-above mm size is mounted with 6 sets of screw

2210.0081



BACK COVER
ASSEMBLY
BRACKET
1 PIECE

4000.3233



M5x10
ABACK COVER
KNURLED-HEAD SCREW
2 PIECES

4000.3213



M5 NUT
2 Ad.

MODULAR² Back Cover Assembly Bracket

Sheet : Galvanized sheet
Thickness : Sheet thickness of 2.0 mm
Paint : Unpainted
Twist Feature : 28x21,5x13,5 mm



► Specifications and Intended Use

M6 threaded
Countersunk for easy sitting of back cover into its place
Mounted to the hinge holes. No need for extra closing mounted with 2 sets of channel screw
Bracket is mounted to the cover with blind screw in sealed IP40 environments

| LIST NO | PART CODE | WEIGHT (kg) | SIZES (mm) |
|---------|-----------|-------------|--------------|
| 1 | 2210.0081 | 0,029 | 28x21,5x13,5 |



Externally with fillister head screw



Externally blind screw



MODULAR2

Sealed Back Cover, Internal Threaded Bracket

PART CODE: M2.101-03

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 2.0 mm
 Paint : Unpainted
 Twist Feature : 22x24+20+10 mm



► Specifications and Intended Use

- Sealed back cover, internally bolting part
- Internally welded screw
- To avoid external interferences
- For assembly with blind-head bolt in IP40 internal environments

| LIST NO | PART CODE | WEIGHT (kg) | SIZES (mm) |
|---------|-----------|-------------|-------------|
| 1 | 2210.0083 | 0,015 | 22x24+20+10 |



With internally welded screw

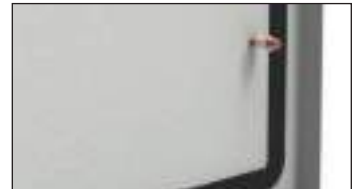


With externally blind screw



Sealed Enclosure part with internal bolt with size 1000-1200 mm is mounted with 4 sets of screw, the one with size 1400-above mm is mounted with 6 sets of screw

| | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4000.3213 | 4000.3233 |
|  |  |
| M5 NUT | M5X10 KNURLED HEAD SCREW |
| 4000.3185 | 4000.3411 |
|  |  |
| M6 NUT | M6x20 CENTRE SCREW |



Sealed Enclosure part with internal bolt with size 1000-1200 mm is mounted with 4 sets of screw, the one with size 1400-above mm is mounted with 6 sets of screw

| | |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 4000.3213 | 4000.3233 |
|  |  |
| M5 NUT | M5X10 KNURLED-HEAD SCREW |
| 4000.3185 | 4000.3411 |
|  |  |
| M6 NUT | M6x20 BLIND-HEAD SCREW |

MODULAR2 Door Strengthening and Channel Profiles



Sheet : Zinc-covered DKp Galvanized sheet
 Thickness : 0.70 mm
 Paint : Unpainted, zinc covered
 Twist Feature : 20x20x0,80 mm



► Specifications and Intended Use

- Door strengthening
- Cable carrier
- With 4,5-11mm row holes
- Mounted with M5x5 guide screw

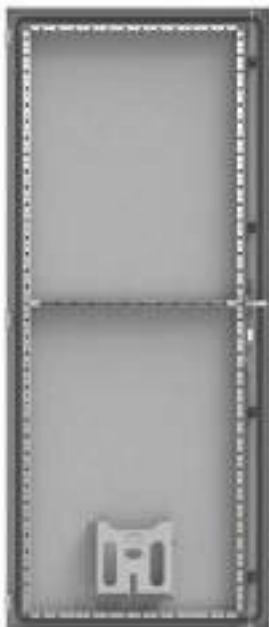
1 profile is mounted with 2 sets of screw

| | |
|------------------------------------------------------------------------------------|----------|
| 4000.3421 | 2 Pieces |
|  | |
| M5X8 M58 YHB GUIDE SCREW | |
| M.100-52 | 1 Pieces |
|  | |
| CHANNEL PROFILE HOLDER | |

| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PROFILE SIZE (mm) |
|---------|-----------|----------------------|-------------|-------------------|
| 1 | 2220.3441 | 400 | 0,092 | 210 |
| 2 | 2220.3443 | 500 | 0,135 | 310 |
| 3 | 2220.3445 | 600 | 0,179 | 410 |
| 4 | 2220.3457 | 700 | 0,220 | 510 |
| 5 | 2220.3449 | 800 | 0,265 | 610 |
| 6 | 2220.3441 | 900 | 0,310 | 710 |
| 7 | 2220.3443 | 1000 | 0,353 | 810 |
| | | | | |
| 8 | 2220.3445 | 900 (LAP DOOR) | 0,157 | 360 |
| 9 | 2220.3447 | 1000 (LAP DOOR) | 0,200 | 460 |
| 10 | 2220.3449 | 1100 (LAP DOOR) | 0,222 | 510 |
| 11 | 2220.3451 | 1200 (LAP DOOR) | 0,244 | 560 |

Central fixing screw set in the cover wider than 700 mm

| | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 4000.2347 | 4000.3111 |
|  |  |
| M6x15 CENTRE | M6 PROFILE NUT |



Door is transparent to show the profile.

MODULAR² Front Doors IP55

Door weights are calculated with the materials mounted on them

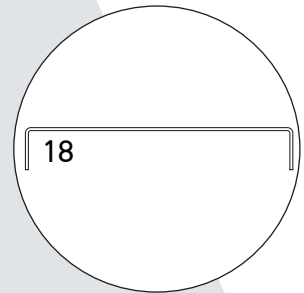
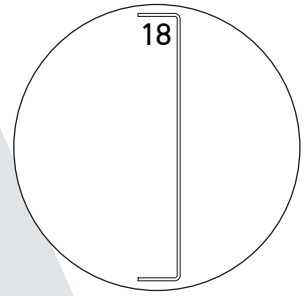
Polyurethane seal doors providing IP55 protection

MODULAR² Front Doors

Sheet : Galvanized sheet
Thickness : Sheet thickness of 1.5 mm
Paint : RAL 7035 Epoxy Polyester
Twist Feature : 18 mm

► Specifications and Intended Use

- 180o opening hinge
- 4 pieces of profile jointing zamak corner
- 20x20 mm door strengthening profiles
- Cast polyurethane seal
- Lock locking at three points
- Project pocket depending on the need
- Central cable carrier additional bridge profile
- Ventilation shutter at request
- Hidden hinge at request



MODULAR²

Materials Used in the Doors IP55
180° Openable



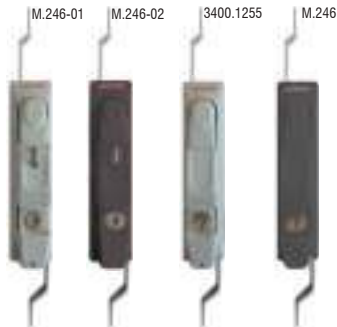
4000.3427
M6x8 AKB



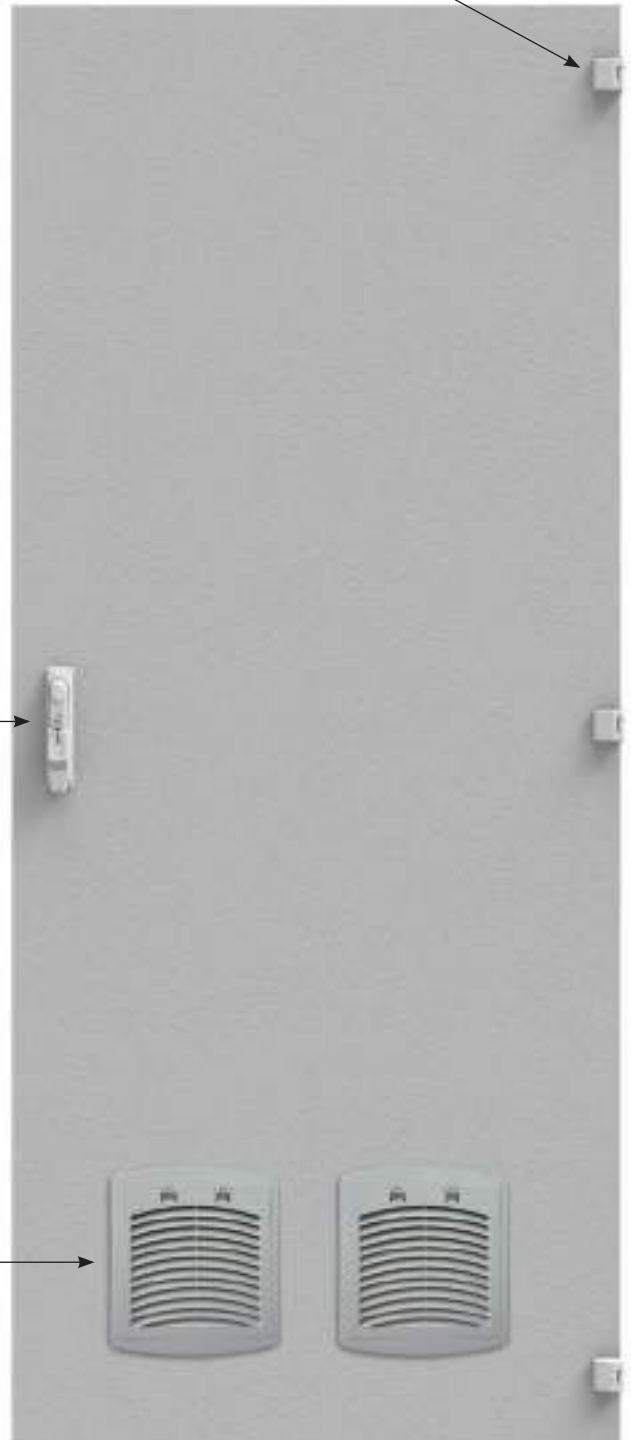
3400.1327 HINGE



4000.3215
M6 NUT

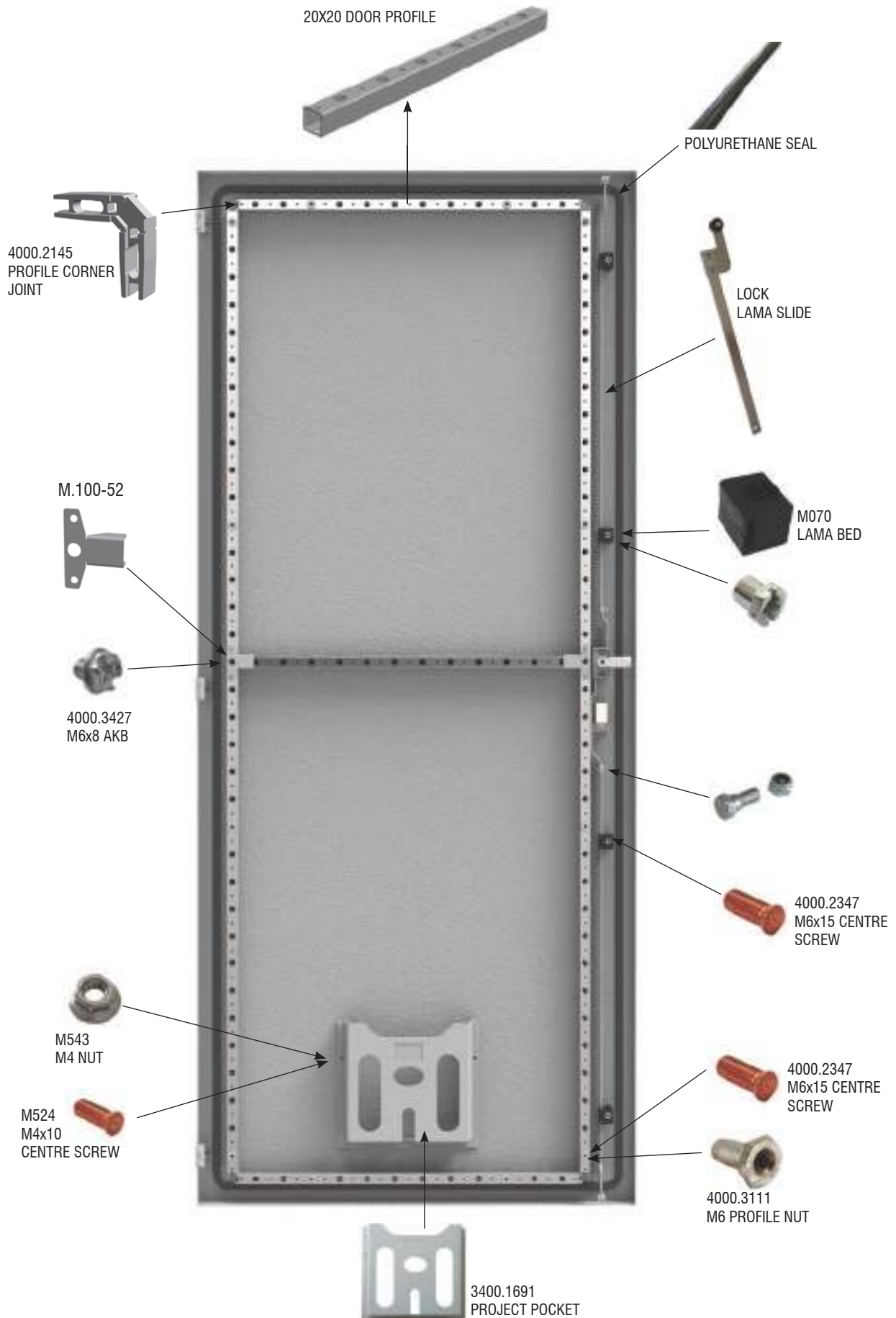


M317-03
VENTILATION SHUTTER



MODULAR²

Materials Used in the Doors IP55



MODULAR² Front Doors

Double Hinge



| (Enclosure with 300 mm WIDTH (DOUBLE HINGE DOOR)) | | | | |
|----------------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3491 | 1000 | 5,549 | 888 |
| 2 | 2220.3493 | 1200 | 6,387 | 1088 |

| (Enclosure with 300 mm WIDTH (TRIPLE HINGE DOOR)) | | | | |
|----------------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3495 | 1400 | 7,434 | 1288 |
| 2 | 2220.3497 | 1600 | 8,285 | 1488 |
| 3 | 2220.3499 | 1800 | 9,128 | 1688 |
| 4 | 2220.3501 | 2000 | 9,986 | 1888 |
| 5 | 2220.3503 | 2100 | 10,422 | 1988 |
| 6 | 2220.3505 | 2200 | 21,337 | 2088 |

| (Enclosure with 400 mm WIDTH (DOUBLE HINGE DOOR)) | | | | |
|----------------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3511 | 1000 | 7,878 | 888 |
| 2 | 2220.3513 | 1200 | 8,996 | 1088 |

| (Enclosure with 400 mm WIDTH (TRIPLE HINGE DOOR)) | | | | |
|----------------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3515 | 1400 | 10,335 | 1288 |
| 2 | 2220.3517 | 1600 | 11,468 | 1488 |
| 3 | 2220.3519 | 1800 | 12,618 | 1688 |
| 4 | 2220.3521 | 2000 | 13,765 | 1888 |
| 5 | 2220.3523 | 2100 | 14,341 | 1988 |
| 6 | 2220.3525 | 2200 | 15,017 | 2088 |

| (Enclosure with 500 mm WIDTH (DOUBLE HINGE DOOR)) | | | | |
|----------------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3531 | 1000 | 9,144 | 888 |
| 2 | 2220.3533 | 1200 | 10,504 | 1088 |

| (Enclosure with 500 mm WIDTH (TRIPLE HINGE DOOR)) | | | | |
|----------------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3535 | 1400 | 12,060 | 1288 |
| 2 | 2220.3537 | 1600 | 13,437 | 1488 |
| 3 | 2220.3539 | 1800 | 14,823 | 1688 |
| 4 | 2220.3541 | 2000 | 16,219 | 1888 |
| 5 | 2220.3543 | 2100 | 16,910 | 1988 |
| 6 | 2220.3545 | 2200 | 17,715 | 2088 |

| (Enclosure with 600 mm WIDTH (DOUBLE HINGE DOOR)) | | | | |
|----------------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3551 | 1000 | 10,412 | 888 |
| 2 | 2220.3553 | 1200 | 12,014 | 1088 |

| (Enclosure with 600 mm WIDTH (TRIPLE HINGE DOOR)) | | | | |
|----------------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3555 | 1400 | 13,790 | 1288 |
| 2 | 2220.3557 | 1600 | 15,409 | 1488 |
| 3 | 2220.3559 | 1800 | 17,034 | 1688 |
| 4 | 2220.3561 | 2000 | 18,667 | 1888 |
| 5 | 2220.3563 | 2100 | 19,492 | 1988 |
| 6 | 2220.3565 | 2200 | 20,415 | 2088 |

Triple Hinged



MODULAR²

Front Doors

Double Hinge



| (Enclosure with 700 mm WIDTH (DOUBLE HINGE DOOR)) | | | | |
|---------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3571 | 1000 | 11,678 | 888 |
| 2 | 2220.3573 | 1200 | 13,516 | 1088 |

| (Enclosure with 700 mm WIDTH (TRIPLE HINGE DOOR)) | | | | |
|---------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3575 | 1400 | 15,506 | 1288 |
| 2 | 2220.3577 | 1600 | 17,378 | 1488 |
| 3 | 2220.3579 | 1800 | 19,241 | 1688 |
| 4 | 2220.3581 | 2000 | 21,121 | 1888 |
| 5 | 2220.3583 | 2100 | 22,060 | 1988 |
| 6 | 2220.3585 | 2200 | 23,112 | 2088 |

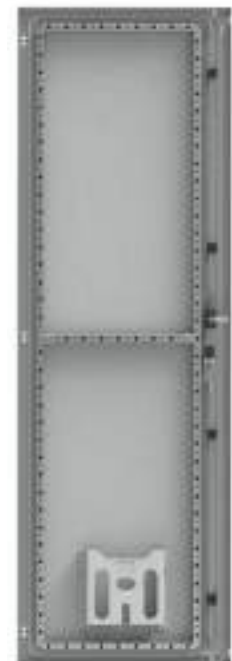
| (Enclosure with 800 mm WIDTH (DOUBLE HINGE DOOR)) | | | | |
|---------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3591 | 1000 | 12,940 | 888 |
| 2 | 2220.3593 | 1200 | 15,016 | 1088 |

| (Enclosure with 800 mm WIDTH (TRIPLE HINGE DOOR)) | | | | |
|---------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3595 | 1400 | 17,241 | 1288 |
| 2 | 2220.3597 | 1600 | 19,350 | 1488 |
| 3 | 2220.3599 | 1800 | 21,460 | 1688 |
| 4 | 2220.3601 | 2000 | 23,579 | 1888 |
| 5 | 2220.3603 | 2100 | 24,632 | 1988 |
| 6 | 2220.3605 | 2200 | 25,834 | 2088 |

| (Enclosure with 900 mm WIDTH (DOUBLE HINGE DOOR)) | | | | |
|---------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3611 | 1000 | 14,214 | 888 |
| 2 | 2220.3613 | 1200 | 16,540 | 1088 |

| (Enclosure with 900 mm WIDTH (TRIPLE HINGE DOOR)) | | | | |
|---------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3615 | 1400 | 18,967 | 1288 |
| 2 | 2220.3617 | 1600 | 21,316 | 1488 |
| 3 | 2220.3619 | 1800 | 23,364 | 1688 |
| 4 | 2220.3621 | 2000 | 25,920 | 1888 |
| 5 | 2220.3623 | 2100 | 27,207 | 1988 |
| 6 | 2220.3625 | 2200 | 28,507 | 2088 |

Triple Hinged



| (Enclosure with 1000 mm WIDTH (DOUBLE HINGE DOOR)) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3631 | 1000 | 15,480 | 888 |
| 2 | 2220.3633 | 1200 | 18,848 | 1088 |

| (Enclosure with 1000 mm WIDTH (TRIPLE HINGE DOOR)) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3635 | 1400 | 20,693 | 1288 |
| 2 | 2220.3637 | 1600 | 23,275 | 1488 |
| 3 | 2220.3639 | 1800 | 25,870 | 1688 |
| 4 | 2220.3641 | 2000 | 28,474 | 1888 |
| 5 | 2220.3643 | 2100 | 29,776 | 1988 |
| 6 | 2220.3645 | 2200 | 31,205 | 2088 |

MODULAR² Internally Hidden Hinge Enclosure Model IP65

IP65 protected hidden hinge enclosure.

Zero outer appearance



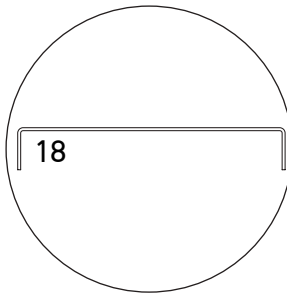
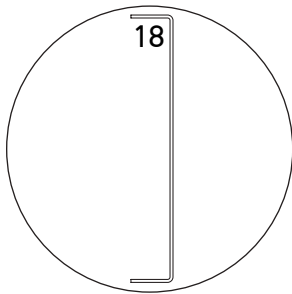
MODULAR²

IP65 Protected Internally Hidden Hinge Enclosure

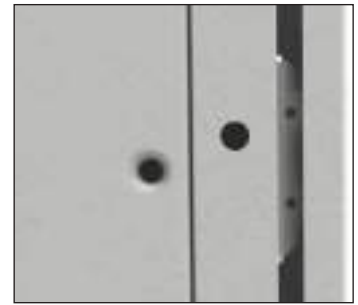
Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 18 mm

► Specifications and Intended Use

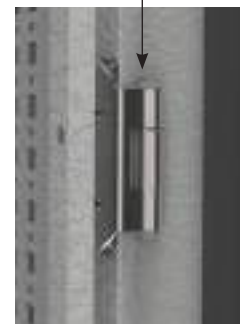
- 120o openable hidden hinge
- 4 pieces of profile joint zamak edge
- 20x20 mm door strengthening
- Cast polyurethane seal
- Lock locking at three points
- Project pocket depending on need
- Central bridge profile



Internally hidden hinge enclosures are manufactured depending on the customer demand



M308-04



4000.3421
M5x12 GUIDE



MODULAR² IP55 Protected Doors with Glass IP55

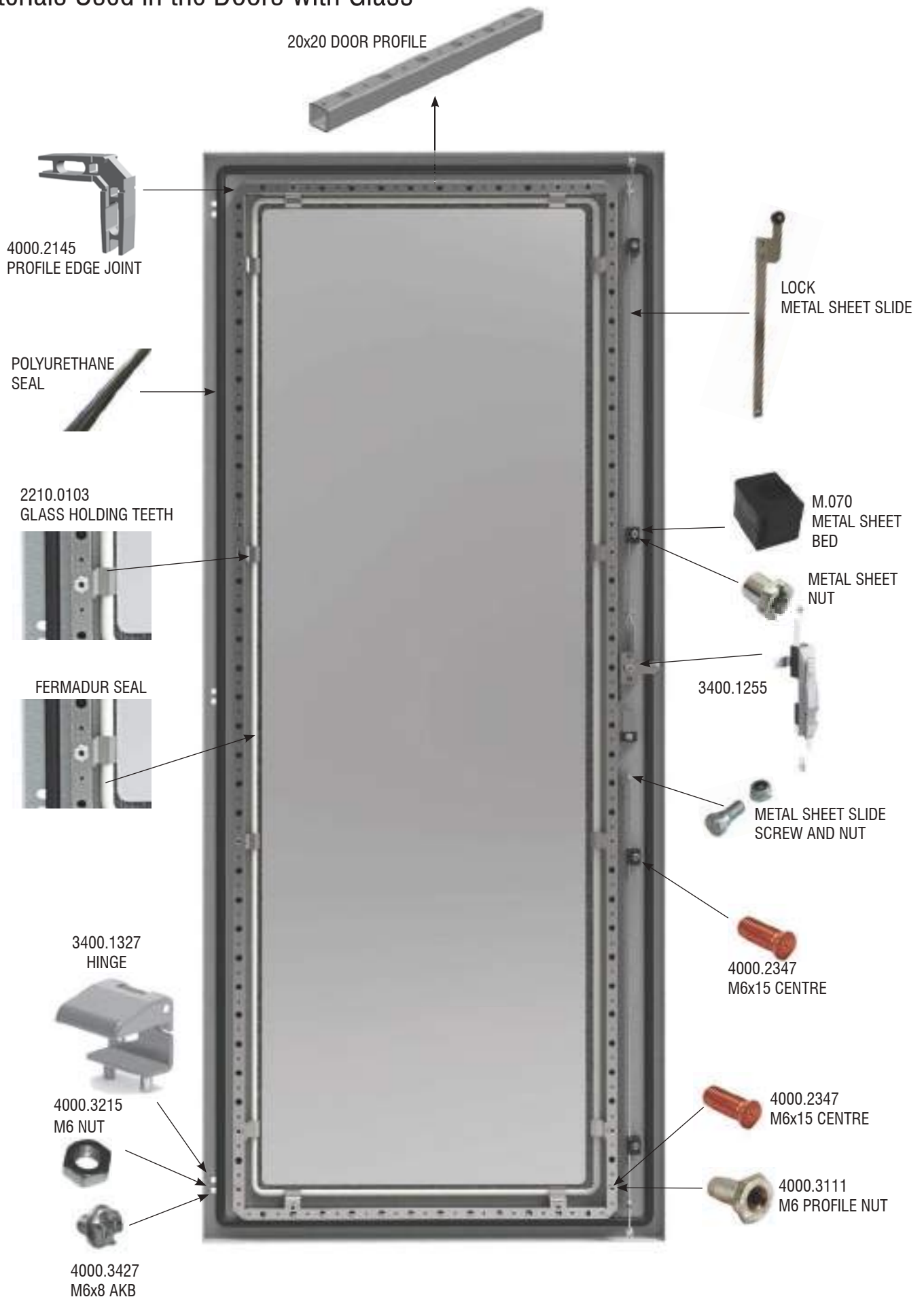
Door weights are calculated with
the materials on them

Doors with glass providing IP55
protection



MODULAR²

Materials Used in the Doors with Glass





TWO HINGES



THREE HINGES



MODULAR² Front Doors with Glass

| | |
|---------------|-----------------------------|
| Sheet | : Galvanized sheet |
| Thickness | : Sheet thickness of 1.5 mm |
| Paint | : RAL 7035 Epoxy Polyester |
| Glass | : 4 mm tempered transparent |
| Twist Feature | : 18 mm |

► Specifications and Intended Use

- 180o openable hinge
- 120° openable hidden hinge option
- 4 pieces of profile joint zamak edge
- 20x20 mm door strengthening
- Cast polyurethane seal
- Lock locking at three points
- Glass ensuring IP65 protection with Fermadur polyurethane glue
- Glass holding teeth for replacing the glass in case of break



| Width: 400 mm (WITH 2 HINGES) | | | | |
|-------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3651 | 1000 | 4,285 | 888 |
| 2 | 2220.3653 | 1200 | 5,200 | 1088 |

| Width: 400 mm (WITH 3 HINGES) | | | | |
|-------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3655 | 1400 | 6,115 | 1288 |
| 2 | 2220.3657 | 1600 | 7,469 | 1488 |
| 3 | 2220.3659 | 1800 | 8,452 | 1688 |
| 4 | 2220.3661 | 2000 | 9,434 | 1888 |
| 5 | 2220.3663 | 2100 | 9,926 | 1988 |
| 6 | 2220.3665 | 2200 | 10,417 | 2088 |

| Width: 500 mm (WITH 2 HINGES) | | | | |
|-------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3671 | 1000 | 5,215 | 888 |
| 2 | 2220.3673 | 1200 | 6,325 | 1088 |

| Width: 500 mm (WITH 3 HINGES) | | | | |
|-------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3675 | 1400 | 7,430 | 1288 |
| 2 | 2220.3677 | 1600 | 8,535 | 1488 |
| 3 | 2220.3679 | 1800 | 9,645 | 1688 |
| 4 | 2220.3681 | 2000 | 10,755 | 1888 |
| 5 | 2220.3683 | 2100 | 11,305 | 1988 |
| 6 | 2220.3685 | 2200 | 11,870 | 2088 |

| Width: 600 mm (WITH 2 HINGES) | | | | |
|-------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3691 | 1000 | 6,145 | 888 |
| 2 | 2220.3693 | 1200 | 7,445 | 1088 |

| Width: 600 mm (WITH 3 HINGES) | | | | |
|-------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3695 | 1400 | 8,745 | 1288 |
| 2 | 2220.3697 | 1600 | 10,045 | 1488 |
| 3 | 2220.3699 | 1800 | 11,340 | 1688 |
| 4 | 2220.3701 | 2000 | 12,645 | 1888 |
| 5 | 2220.3703 | 2100 | 13,295 | 1988 |
| 6 | 2220.3705 | 2200 | 13,959 | 2088 |

MODULAR²

Front Doors with Glass

Width: 700 mm (WITH 2 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|-------------------------------------------|-------------|----------------|
| 1 | 2220.3711 | 1000 | 7,075 | 888 |
| 2 | 2220.3713 | 1200 | 8,565 | 1088 |

Width: 700 mm (WITH 3 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|-------------------------------------------|-------------|----------------|
| 1 | 2220.3715 | 1400 | 10,805 | 1288 |
| 2 | 2220.3717 | 1600 | 12,800 | 1488 |
| 3 | 2220.3719 | 1800 | 14,480 | 1688 |
| 4 | 2220.3721 | 2000 | 16,170 | 1888 |
| 5 | 2220.3723 | 2100 | 17,010 | 1988 |
| 6 | 2220.3725 | 2200 | 17,858 | 2088 |

Width: 800 mm (WITH 2 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|-------------------------------------------|-------------|----------------|
| 1 | 2220.3731 | 1000 | 8,000 | 888 |
| 2 | 2220.3733 | 1200 | 9,685 | 1088 |

Width: 800 mm (WITH 3 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|-------------------------------------------|-------------|----------------|
| 1 | 2220.3735 | 1400 | 11,370 | 1288 |
| 2 | 2220.3737 | 1600 | 13,055 | 1488 |
| 3 | 2220.3739 | 1800 | 14,700 | 1688 |
| 4 | 2220.3741 | 2000 | 16,420 | 1888 |
| 5 | 2220.3743 | 2100 | 17,260 | 1988 |
| 6 | 2220.3745 | 2200 | 18,123 | 2088 |

Width: 900 mm (WITH 2 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|-------------------------------------------|-------------|----------------|
| 1 | 2220.3751 | 1000 | 8,930 | 888 |
| 2 | 2220.3753 | 1200 | 10,810 | 1088 |

Width: 900 mm (WITH 3 HINGES)

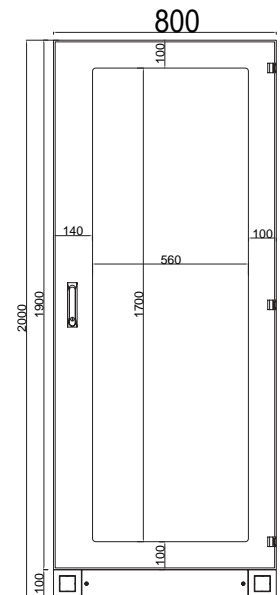
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|-------------------------------------------|-------------|----------------|
| 1 | 2220.3755 | 1400 | 12,685 | 1288 |
| 2 | 2220.3757 | 1600 | 14,560 | 1488 |
| 3 | 2220.3759 | 1800 | 16,435 | 1688 |
| 4 | 2220.3761 | 2000 | 18,310 | 1888 |
| 5 | 2220.3763 | 2100 | 19,250 | 1988 |
| 6 | 2220.3765 | 2200 | 20,212 | 2088 |

Width: 1000 mm (WITH 2 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|-------------------------------------------|-------------|----------------|
| 1 | 2220.3771 | 1000 | 9,860 | 888 |
| 2 | 2220.3773 | 1200 | 11,930 | 1088 |

Width: 1000 mm (WITH 3 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|-------------------------------------------|-------------|----------------|
| 1 | 2220.3775 | 1400 | 13,995 | 1288 |
| 2 | 2220.3777 | 1600 | 16,065 | 1488 |
| 3 | 2220.3779 | 1800 | 18,130 | 1688 |
| 4 | 2220.3781 | 2000 | 20,200 | 1888 |
| 5 | 2220.3783 | 2100 | 21,235 | 1988 |
| 6 | 2220.3785 | 2200 | 22,296 | 2088 |



TWO HINGES

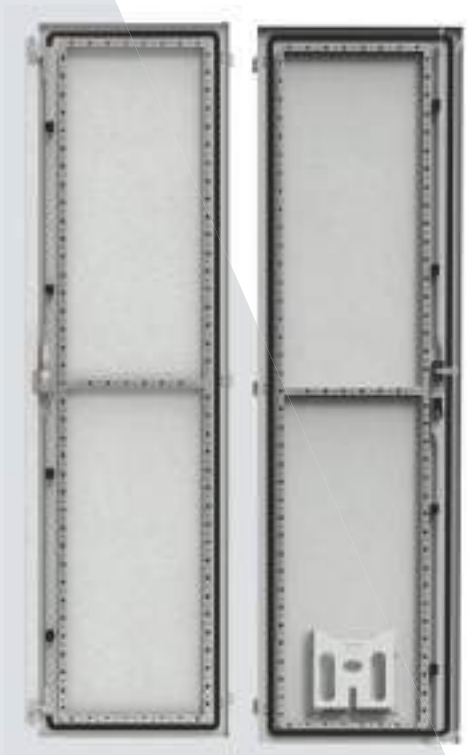


THREE HINGES



MODULAR² BLap Double Doors IP55

Door weights are calculated with the materials mounted on them

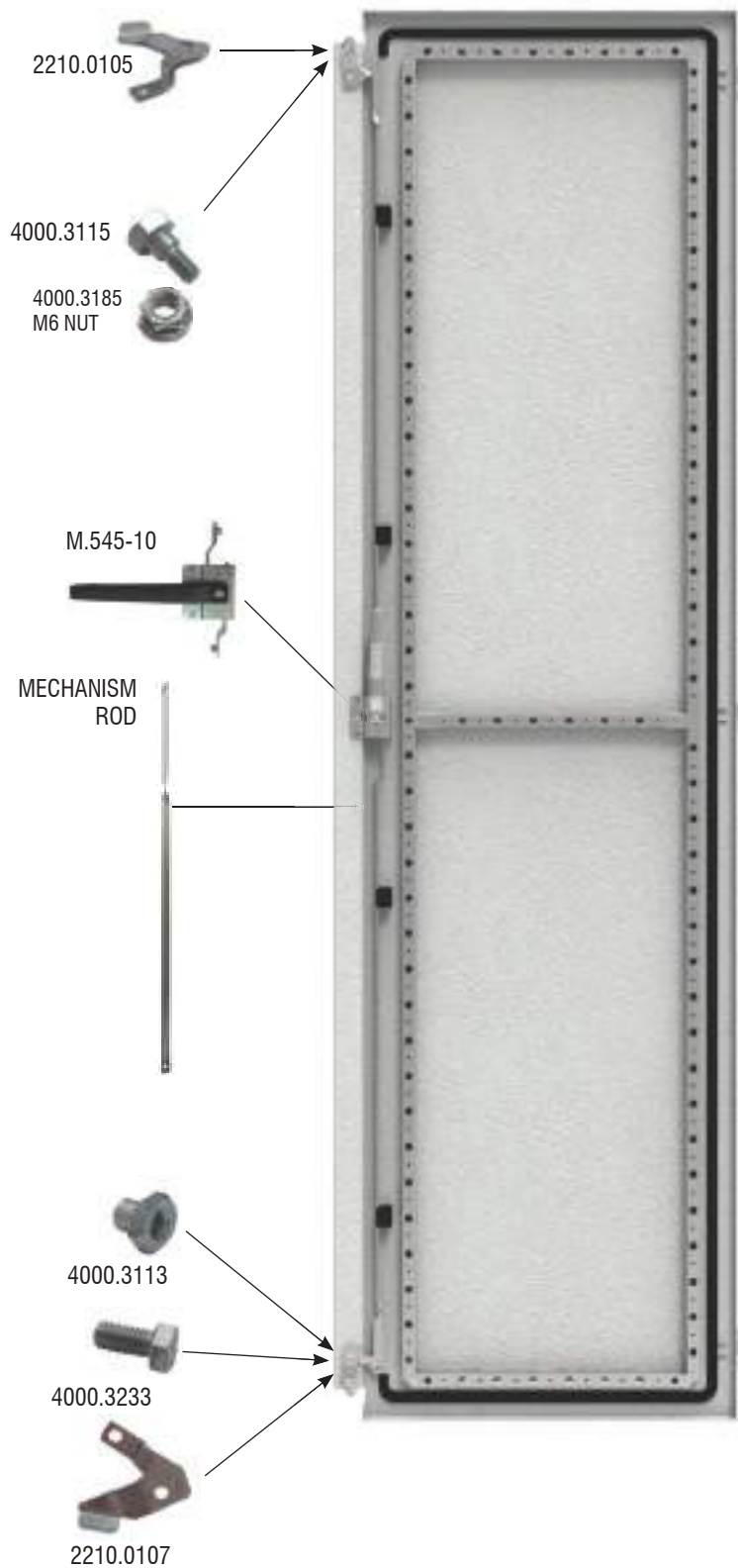


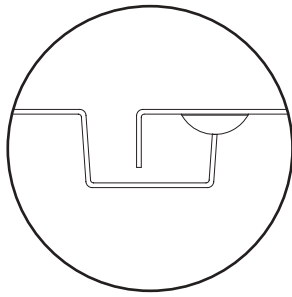
Double doors
providing IP55 protection



MODULAR²

Materials Used in Lap Double Doors (Left Door)





TWO HINGES



THREE HINGES



THREE HINGES

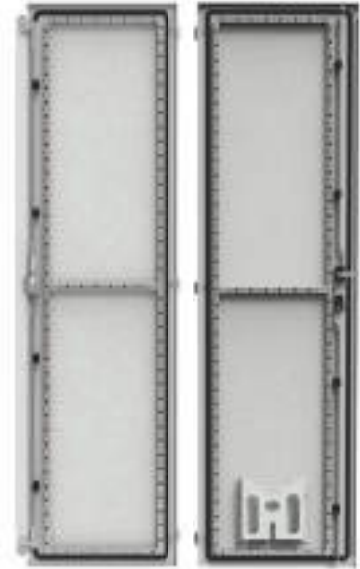


MODULAR² Lap Double Doors IP55

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 31x25x1.5 mm

► Specifications and Intended Use

- 180° openable hinge
- 120° openable hidden hinge option
- 4 pieces of profile joint zamak edge
- 20x20 mm door strengthening
- Cast polyurethane seal
- Lock locking at three points
- Project pocket depending on need
- Bridge profile at center
- Lap double door provides IP65 protection thank to the design of polyurethane seal and the combination of the lap part



| Enclosure Width: 800 mm (RIGHT DOOR WITH 2 HINGES) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3831 | 1000 | 4,757 | 888 |
| 2 | 2220.3833 | 1200 | 5,791 | 1088 |

| Enclosure Width: 800 mm (RIGHT DOOR WITH 3 HINGES) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | Enclosure SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3835 | 1400 | 6,826 | 1288 |
| 2 | 2220.3837 | 1600 | 7,860 | 1488 |
| 3 | 2220.3839 | 1800 | 8,894 | 1688 |
| 4 | 2220.3841 | 2000 | 9,929 | 1888 |
| 5 | 2220.3843 | 2100 | 10,446 | 1988 |
| 6 | 2220.3845 | 2200 | 10,963 | 2088 |

| Enclosure Width: 800 mm (LEFT DOOR WITH 2 HINGES) | | | | |
|---------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3851 | 1000 | 4,983 | 888 |
| 2 | 2220.3853 | 1200 | 6,067 | 1088 |

| Enclosure Width: 800 mm (LEFT DOOR WITH 3 HINGES) | | | | |
|---------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3855 | 1400 | 7,150 | 1288 |
| 2 | 2220.3857 | 1600 | 8,233 | 1488 |
| 3 | 2220.3859 | 1800 | 9,317 | 1688 |
| 4 | 2220.3861 | 2000 | 10,400 | 1888 |
| 5 | 2220.3863 | 2100 | 10,942 | 1988 |
| 6 | 2220.3865 | 2200 | 11,484 | 2088 |

MODULAR²

Lap Double Doors IP55

Enclosure Width: 900 mm (RIGHT DOOR WITH 2 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|---------------------|-------------|----------------|
| 1 | 2220.3871 | 1000 | 5,295 | 888 |
| 2 | 2220.3873 | 1200 | 6,447 | 1088 |

Enclosure Width: 900 mm (RIGHT DOOR WITH 3 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|---------------------|-------------|----------------|
| 1 | 2220.3875 | 1400 | 7,598 | 1288 |
| 2 | 2220.3877 | 1600 | 8,749 | 1488 |
| 3 | 2220.3879 | 1800 | 9,901 | 1688 |
| 4 | 2220.3881 | 2000 | 11,052 | 1888 |
| 5 | 2220.3883 | 2100 | 11,627 | 1988 |
| 6 | 2220.3885 | 2200 | 12,203 | 2088 |



TWO HINGES



THREE HINGES



THREE HINGES



Enclosure Width: 900 mm (LEFT DOOR WITH 2 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|---------------------|-------------|----------------|
| 1 | 2220.3891 | 1000 | 5,521 | 888 |
| 2 | 2220.3893 | 1200 | 6,722 | 1088 |

Enclosure Width: 900 mm (LEFT DOOR WITH 3 HINGES)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
|---------|-----------|---------------------|-------------|----------------|
| 1 | 2220.3895 | 1400 | 7,922 | 1288 |
| 2 | 2220.3897 | 1600 | 9,123 | 1488 |
| 3 | 2220.3899 | 1800 | 10,323 | 1688 |
| 4 | 2220.3901 | 2000 | 11,524 | 1888 |
| 5 | 2220.3903 | 2100 | 12,124 | 1988 |
| 6 | 2220.3905 | 2200 | 12,724 | 2088 |

MODULAR² Lap Double Doors IP55



| Enclosure Width: 1000 mm (RIGHT DOOR WITH 2 HINGES) | | | | |
|-----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3911 | 1000 | 5,834 | 888 |
| 2 | 2220.3913 | 1200 | 7,102 | 1088 |

| Enclosure Width: 1000 mm (RIGHT DOOR WITH 3 HINGES) | | | | |
|-----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3915 | 1400 | 8,370 | 1288 |
| 2 | 2220.3917 | 1600 | 9,638 | 1488 |
| 3 | 2220.3919 | 1800 | 10,907 | 1688 |
| 4 | 2220.3921 | 2000 | 12,175 | 1888 |
| 5 | 2220.3923 | 2100 | 12,809 | 1988 |
| 6 | 2220.3925 | 2200 | 13,443 | 2088 |

| Enclosure Width: 1000 mm (LEFT DOOR WITH 2 HINGES) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3931 | 1000 | 6,060 | 888 |
| 2 | 2220.3933 | 1200 | 7,377 | 1088 |

| Enclosure Width: 1000 mm (LEFT DOOR WITH 3 HINGES) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3935 | 1400 | 8,694 | 1288 |
| 2 | 2220.3937 | 1600 | 10,012 | 1488 |
| 3 | 2220.3939 | 1800 | 11,329 | 1688 |
| 4 | 2220.3941 | 2000 | 12,647 | 1888 |
| 5 | 2220.3943 | 2100 | 13,305 | 1988 |
| 6 | 2220.3945 | 2200 | 13,964 | 2088 |

| Enclosure Width: 1100 mm (RIGHT DOOR WITH 2 HINGES) | | | | |
|-----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3951 | 1000 | 5,834 | 888 |
| 2 | 2220.3953 | 1200 | 7,102 | 1088 |

| Enclosure Width: 1100 mm (RIGHT DOOR WITH 3 HINGES) | | | | |
|-----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3955 | 1400 | 8,370 | 1288 |
| 2 | 2220.3957 | 1600 | 9,638 | 1488 |
| 3 | 2220.3959 | 1800 | 10,907 | 1688 |
| 4 | 2220.3961 | 2000 | 12,175 | 1888 |
| 5 | 2220.3963 | 2100 | 12,809 | 1988 |
| 6 | 2220.3965 | 2200 | 13,443 | 2088 |

MODULAR²

Lap Double Doors IP55

| Enclosure Width: 1100 mm (LEFT DOOR WITH 2 HINGES) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3971 | 1000 | 6,060 | 888 |
| 2 | 2220.3973 | 1200 | 7,377 | 1088 |

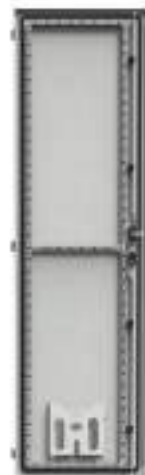
| Enclosure Width: 1100 mm (LEFT DOOR WITH 3 HINGES) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3975 | 1400 | 8,694 | 1288 |
| 2 | 2220.3977 | 1600 | 10,012 | 1488 |
| 3 | 2220.3979 | 1800 | 11,329 | 1688 |
| 4 | 2220.3981 | 2000 | 12,647 | 1888 |
| 5 | 2220.3983 | 2100 | 13,305 | 1988 |
| 6 | 2220.3985 | 2200 | 13,964 | 2088 |

| Enclosure Width: 1200 mm (RIGHT DOOR WITH 2 HINGES) | | | | |
|-----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3991 | 1000 | 5,834 | 888 |
| 2 | 2220.3993 | 1200 | 7,102 | 1088 |

| Enclosure Width: 1200 mm (RIGHT DOOR WITH 3 HINGES) | | | | |
|-----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.3995 | 1400 | 8,370 | 1288 |
| 2 | 2220.3997 | 1600 | 9,638 | 1488 |
| 3 | 2220.3999 | 1800 | 10,907 | 1688 |
| 4 | 2220.4001 | 2000 | 12,175 | 1888 |
| 5 | 2220.4003 | 2100 | 12,809 | 1988 |
| 6 | 2220.4005 | 2200 | 13,443 | 2088 |

| Enclosure Width: 1200 mm (LEFT DOOR WITH 2 HINGES) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.4011 | 1000 | 6,060 | 888 |
| 2 | 2220.4013 | 1200 | 7,377 | 1088 |

| Enclosure Width: 1200 mm (LEFT DOOR WITH 3 HINGES) | | | | |
|----------------------------------------------------|-----------|---------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.4015 | 1400 | 8,694 | 1288 |
| 2 | 2220.4017 | 1600 | 10,012 | 1488 |
| 3 | 2220.4019 | 1800 | 11,329 | 1688 |
| 4 | 2220.4021 | 2000 | 12,647 | 1888 |
| 5 | 2220.4023 | 2100 | 13,305 | 1988 |
| 6 | 2220.4025 | 2200 | 13,964 | 2088 |



MODULAR2

Door Lock Slide Rods (Right Door)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE (mm) | WEIGHT (kg) | SLIDE ROD SIZE (mm) |
|---------|-----------|---------------------|----------------|-------------|---------------------|
| 1 | 2220.4031 | 1000 | 900 | 0,113 | 280 |
| 2 | 2220.4033 | 1200 | 1100 | 0,145 | 380 |
| 3 | 2220.4035 | 1400 | 1300 | 0,177 | 480 |
| 4 | 2220.4037 | 1600 | 1500 | 0,209 | 580 |
| 5 | 2220.4039 | 1800 | 1700 | 0,241 | 680 |
| 6 | 2220.4041 | 2000 | 1900 | 0,273 | 780 |
| 7 | 2220.4043 | 2100 | 2000 | 0,305 | 880 |
| 8 | 2220.4045 | 2200 | 2100 | 0,337 | 980 |



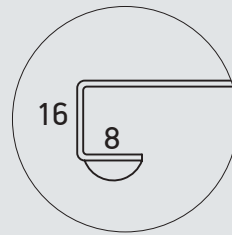
MODULAR2

Door Lock Slide Rods (LEFT Door)

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE (mm) | WEIGHT (kg) | SLIDE ROD SIZE (mm) |
|---------|-----------|---------------------|----------------|-------------|---------------------|
| 1 | 2220.4051 | 1000 | 900 | 0,098 | 290 |
| 2 | 2220.4053 | 1200 | 1100 | 0,130 | 390 |
| 3 | 2220.4055 | 1400 | 1300 | 0,162 | 490 |
| 4 | 2220.4057 | 1600 | 1500 | 0,194 | 590 |
| 5 | 2220.4059 | 1800 | 1700 | 0,226 | 690 |
| 6 | 2220.4061 | 2000 | 1900 | 0,258 | 790 |
| 7 | 2220.4063 | 2100 | 2000 | 0,290 | 890 |
| 8 | 2220.4065 | 2200 | 2100 | 0,322 | 990 |



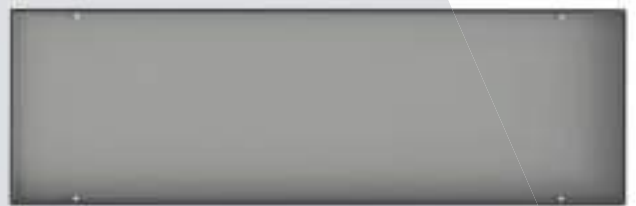
MODULAR² Bottom-Top Covers (With Seal) IP55-IP65

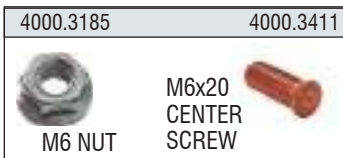
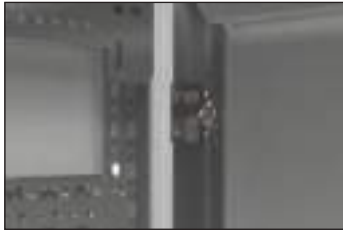
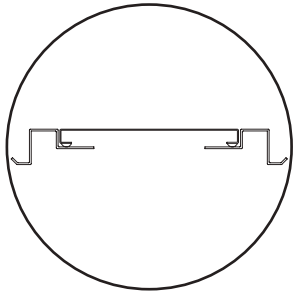


Bottom-top covers
providing IP55-IP65 protection

In the sealed enclosures, assembly with
blind-head screw,
which cannot be disassembled externally

Internal centre-screw in the external
enclosures without seal





MODULAR²

Bottom-Top Covers (With Seal) IP55-IP65

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 8x16 mm

► Specifications and Intended Use

Screwed internally with four screws
 With double twist
 Cast polyurethane seal
 Paint over polishing line at the places levelled

| Width: 300 mm | | | | |
|---------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4101 | 400 | 0,950 | 293 |
| 2 | 2220.4103 | 500 | 1,234 | 393 |
| 3 | 2220.4105 | 600 | 1,517 | 493 |
| 4 | 2220.4107 | 700 | 1,801 | 593 |
| 5 | 2220.4109 | 800 | 2,083 | 693 |

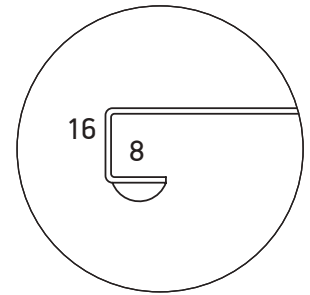
| Width: 400 mm | | | | |
|---------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4111 | 400 | 1,263 | 293 |
| 2 | 2220.4113 | 500 | 1,577 | 393 |
| 3 | 2220.4115 | 600 | 1,890 | 493 |
| 4 | 2220.4117 | 700 | 2,204 | 593 |
| 5 | 2220.4119 | 800 | 2,517 | 693 |

| Width: 500 mm | | | | |
|---------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4121 | 400 | 1,640 | 293 |
| 2 | 2220.4123 | 500 | 2,048 | 393 |
| 3 | 2220.4125 | 600 | 2,455 | 493 |
| 4 | 2220.4127 | 700 | 2,862 | 593 |
| 5 | 2220.4129 | 800 | 3,269 | 693 |

| Width: 600 mm | | | | |
|---------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4131 | 400 | 2,018 | 293 |
| 2 | 2220.4133 | 500 | 2,518 | 393 |
| 3 | 2220.4135 | 600 | 3,019 | 493 |
| 4 | 2220.4137 | 700 | 3,520 | 593 |
| 5 | 2220.4139 | 800 | 4,021 | 693 |

| Width: 700 mm | | | | |
|---------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4141 | 400 | 2,395 | 293 |
| 2 | 2220.4143 | 500 | 2,989 | 393 |
| 3 | 2220.4145 | 600 | 3,583 | 493 |
| 4 | 2220.4147 | 700 | 4,178 | 593 |
| 5 | 2220.4149 | 800 | 4,772 | 693 |

MODULAR² Bottom-Top Covers (With Seal) IP55-IP65



| Width: 800 mm | | | | |
|---------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
| 1 | 2220.4151 | 400 | 2,772 | 293 |
| 2 | 2220.4153 | 500 | 3,460 | 393 |
| 3 | 2220.4155 | 600 | 4,148 | 493 |
| 4 | 2220.4157 | 700 | 4,836 | 593 |
| 5 | 2220.4159 | 800 | 5,524 | 693 |

| Width: 900 mm | | | | |
|---------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
| 1 | 2220.4161 | 400 | 3,149 | 293 |
| 2 | 2220.4163 | 500 | 3,931 | 393 |
| 3 | 2220.4165 | 600 | 4,712 | 493 |
| 4 | 2220.4167 | 700 | 5,494 | 593 |
| 5 | 2220.4169 | 800 | 6,275 | 693 |

| Width: 1000 mm | | | | |
|----------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
| 1 | 2220.4171 | 400 | 3,526 | 293 |
| 2 | 2220.4173 | 500 | 4,402 | 393 |
| 3 | 2220.4175 | 600 | 5,277 | 493 |
| 4 | 2220.4177 | 700 | 6,152 | 593 |
| 5 | 2220.4179 | 800 | 7,027 | 693 |

| Width: 1100 mm | | | | |
|----------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
| 1 | 2220.4181 | 400 | 3,459 | 293 |
| 2 | 2220.4183 | 500 | 4,491 | 393 |
| 3 | 2220.4185 | 600 | 5,523 | 493 |
| 4 | 2220.4187 | 700 | 6,565 | 593 |
| 5 | 2220.4189 | 800 | 7,588 | 693 |

| Width: 1200 mm | | | | |
|----------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
| 1 | 2220.4191 | 400 | 3,772 | 293 |
| 2 | 2220.4193 | 500 | 4,898 | 393 |
| 3 | 2220.4195 | 600 | 6,024 | 493 |
| 4 | 2220.4197 | 700 | 7,150 | 593 |
| 5 | 2220.4199 | 800 | 8,276 | 693 |

Top-Bottom seal covers are mounted with 4 set of screw

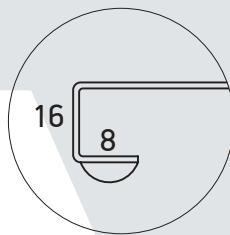
| | |
|---------------------------------------------------------------------------------------|-----------------------------------------|
|  | M.549-03 SIDE SHEET RAISING SHAFT |
|  | 4000.3413 6x25 BLIND-HEAD SCREW |
|  | 4000.3185 M6 NUT |



MODULAR² Side Covers (With Seal) IP55-IP65



Side covers providing IP55-IP65 protection



In the sealed enclosures, assembly with blind-head screw, which cannot be disassembled externally

Internal centre-screw in the external enclosures without seal

- Sheet : Galvanized sheet
- Thickness : Sheet thickness of 1.2 mm
- Paint : RAL 7035 Epoxy Polyester
- Twist Feature : 8x16 mm

► Specifications and Intended Use

- Screwed internally with four screws
- With double twist
- First twist with polyurethane casting up to 8 mm
- Painting over polishing line at the leveled places
- Mounted with 4 set of screw at sizes of 1000-1200 mm
- Mounted with 6 set of screw at sizes of 1400 and above



| Depth: 400 mm Net Size: 293 mm | | | | |
|--------------------------------|-----------|-------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.4251 | 1000 | 2,894 | 880 |
| 2 | 2220.4253 | 1200 | 3,511 | 1080 |
| 3 | 2220.4255 | 1400 | 4,129 | 1280 |
| 4 | 2220.4257 | 1600 | 4,747 | 1480 |
| 5 | 2220.4259 | 1800 | 5,365 | 1680 |
| 6 | 2220.4261 | 2000 | 5,983 | 1880 |
| 7 | 2220.4263 | 2100 | 6,291 | 1980 |
| 8 | 2220.4265 | 2200 | 6,600 | 2030 |



MODULAR² Side Covers (With Seal) P55-IP65

| Depth: 500 mm Net Size: 393 mm | | | | |
|--------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.4271 | 1000 | 3,771 | 880 |
| 2 | 2220.4273 | 1200 | 4,576 | 1080 |
| 3 | 2220.4275 | 1400 | 5,381 | 1280 |
| 4 | 2220.4277 | 1600 | 6,186 | 1480 |
| 5 | 2220.4279 | 1800 | 6,991 | 1680 |
| 6 | 2220.4281 | 2000 | 7,796 | 1880 |
| 7 | 2220.4283 | 2100 | 8,198 | 1980 |
| 8 | 2220.4285 | 2200 | 8,060 | 2080 |

| Depth: 600 mm Net Size: 493 mm | | | | |
|--------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.4291 | 1000 | 4,648 | 880 |
| 2 | 2220.4293 | 1200 | 5,640 | 1080 |
| 3 | 2220.4295 | 1400 | 6,631 | 1280 |
| 4 | 2220.4297 | 1600 | 7,624 | 1480 |
| 5 | 2220.4299 | 1800 | 8,616 | 1680 |
| 6 | 2220.4301 | 2000 | 9,609 | 1880 |
| 7 | 2220.4303 | 2100 | 10,100 | 1980 |
| 8 | 2220.4305 | 2200 | 10,600 | 2080 |

| Depth: 700 mm Net Size: 593 mm | | | | |
|--------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.4311 | 1000 | 5,525 | 880 |
| 2 | 2220.4313 | 1200 | 6,704 | 1080 |
| 3 | 2220.4315 | 1400 | 7,884 | 1280 |
| 4 | 2220.4317 | 1600 | 9,063 | 1480 |
| 5 | 2220.4319 | 1800 | 10,240 | 1680 |
| 6 | 2220.4321 | 2000 | 11,420 | 1880 |
| 7 | 2220.4323 | 2100 | 12,010 | 1980 |
| 8 | 2220.4325 | 2200 | 12,600 | 2080 |

| Depth: 800 mm Net Size: 693 mm | | | | |
|--------------------------------|-----------|----------------------------------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) (INCLUDING FOOT BASE) | WEIGHT (kg) | DOOR SIZE (mm) |
| 1 | 2220.4331 | 1000 | 6,402 | 880 |
| 2 | 2220.4333 | 1200 | 7,768 | 1080 |
| 3 | 2220.4335 | 1400 | 9,135 | 1280 |
| 4 | 2220.4337 | 1600 | 10,500 | 1480 |
| 5 | 2220.4339 | 1800 | 11,860 | 1680 |
| 6 | 2220.4341 | 2000 | 13,230 | 1880 |
| 7 | 2220.4343 | 2100 | 13,910 | 1980 |
| 8 | 2220.4345 | 2200 | 14,600 | 2080 |



Sizes of 1000-1200 are mounted with 4 set of screw, Sizes of 1400 and above are mounted with 6 set of screw

M.549-03



SIDE SHEET RAISING SHAFT

4000.3413



6X25 BLIND HEAD SCREW

4000.3185



M6 NUT



MODULAR² External Enclosure IP55 Joint Intermediate Part

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 2220.4351 | 400 | 0,321 | 293 |
| 2 | 2220.4353 | 500 | 0,417 | 393 |
| 3 | 2220.4355 | 600 | 0,513 | 493 |
| 4 | 2220.4357 | 700 | 0,610 | 593 |
| 5 | 2220.4359 | 800 | 0,706 | 693 |



MODULAR² and Monoblock External Caps IP65



Cap without top hole
ensuring IP65 protection

Economic solution

Complementary EYEBOLT
Ensuring protection at side

Fitting to Modular 2 and
Monoblock external
enclosures

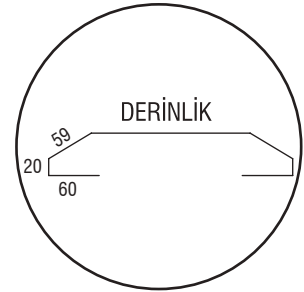
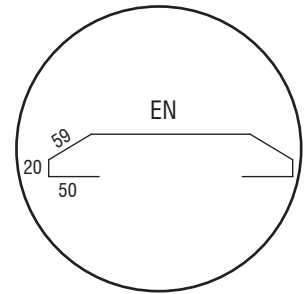


MODULAR² and Monoblock External Caps IP65

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : 50x20x59 mm (side twist)/ 8x50x20x59 mm (Front-back twist)

► Specifications and Intended Use

Model without having hole at top
 Right and left side of the enclosure is raised by EYEBOLT
 With polyurethane seal, mounted to the ceiling
 Ensuring high protection class
 Economic cap model
 Painting over polishing line at the leveled places



| Depth: 400 mm Net Size: 440 mm | | | | |
|--------------------------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4401 | 400 | 4,093 | 420 |
| 2 | 2220.4403 | 500 | 4,778 | 520 |
| 3 | 2220.4405 | 600 | 5,464 | 620 |
| 4 | 2220.4407 | 700 | 6,150 | 720 |
| 5 | 2220.4409 | 800 | 6,835 | 820 |

| Depth: 500 mm Net Size: 540 mm | | | | |
|--------------------------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4411 | 400 | 4,791 | 420 |
| 2 | 2220.4413 | 500 | 5,594 | 520 |
| 3 | 2220.4415 | 600 | 6,396 | 620 |
| 4 | 2220.4417 | 700 | 7,199 | 720 |
| 5 | 2220.4419 | 800 | 8,002 | 820 |

| Depth: 600 mm Net Size: 640 mm | | | | |
|--------------------------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4421 | 400 | 5,490 | 420 |
| 2 | 2220.4423 | 500 | 6,409 | 520 |
| 3 | 2220.4425 | 600 | 7,329 | 620 |
| 4 | 2220.4427 | 700 | 8,248 | 720 |
| 5 | 2220.4429 | 800 | 9,168 | 820 |

| Depth: 700 mm Net Size: 740 mm | | | | |
|--------------------------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4431 | 400 | 6,188 | 420 |
| 2 | 2220.4433 | 500 | 7,225 | 520 |
| 3 | 2220.4435 | 600 | 8,261 | 620 |
| 4 | 2220.4437 | 700 | 9,298 | 720 |
| 5 | 2220.4439 | 800 | 10,335 | 820 |

| Depth: 800 mm Net Size: 840 mm | | | | |
|--------------------------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDHT (mm) |
| 1 | 2220.4441 | 400 | 6,887 | 420 |
| 2 | 2220.4443 | 500 | 8,040 | 520 |
| 3 | 2220.4445 | 600 | 9,194 | 620 |
| 4 | 2220.4447 | 700 | 10,347 | 720 |
| 5 | 2220.4449 | 800 | 11,501 | 820 |

External caps on one compartment enclosure are mounted with 4 set of screw

4000.3187



M8 NUT

4000.3267



M8x15 SCREW

MODULAR² and Monoblock External Caps IP65

Depth: 900 mm Net Size: 940 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4451 | 400 | 7,585 | 420 |
| 2 | 2220.4453 | 500 | 8,856 | 520 |
| 3 | 2220.4455 | 600 | 10,126 | 620 |
| 4 | 2220.4457 | 700 | 11,397 | 720 |
| 5 | 2220.4459 | 800 | 12,668 | 820 |

Depth: 1000 mm Net Size: 1040 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4461 | 400 | 8,284 | 420 |
| 2 | 2220.4463 | 500 | 9,671 | 520 |
| 3 | 2220.4465 | 600 | 11,059 | 620 |
| 4 | 2220.4467 | 700 | 12,446 | 720 |
| 5 | 2220.4469 | 800 | 13,834 | 820 |

Depth: 1100 mm Net Size: 1140 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4471 | 400 | 8,982 | 420 |
| 2 | 2220.4473 | 500 | 10,487 | 520 |
| 3 | 2220.4475 | 600 | 11,991 | 620 |
| 4 | 2220.4477 | 700 | 13,496 | 720 |
| 5 | 2220.4479 | 800 | 15,001 | 820 |

Depth: 1200 mm Net Size: 1240 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4481 | 400 | 9,681 | 420 |
| 2 | 2220.4483 | 500 | 11,302 | 520 |
| 3 | 2220.4485 | 600 | 12,924 | 620 |
| 4 | 2220.4487 | 700 | 14,545 | 720 |
| 5 | 2220.4489 | 800 | 16,167 | 820 |

Depth: 1300 mm Net Size: 1340 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4491 | 400 | 10,379 | 420 |
| 2 | 2220.4493 | 500 | 12,118 | 520 |
| 3 | 2220.4495 | 600 | 13,856 | 620 |
| 4 | 2220.4497 | 700 | 15,595 | 720 |
| 5 | 2220.4499 | 800 | 17,334 | 820 |

Depth: 1400 mm Net Size: 1440 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4501 | 400 | 11,078 | 420 |
| 2 | 2220.4503 | 500 | 12,933 | 520 |
| 3 | 2220.4505 | 600 | 14,789 | 620 |
| 4 | 2220.4507 | 700 | 16,644 | 720 |
| 5 | 2220.4509 | 800 | 18,500 | 820 |

Depth: 1500 mm Net Size: 1540 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4511 | 400 | 11,776 | 420 |
| 2 | 2220.4513 | 500 | 13,749 | 520 |
| 3 | 2220.4515 | 600 | 15,721 | 620 |
| 4 | 2220.4517 | 700 | 17,694 | 720 |
| 5 | 2220.4519 | 800 | 19,667 | 820 |



MODULAR² and Monoblock External Caps IP65

Depth: 1600 mm Net Size: 1640 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4521 | 400 | 12,475 | 420 |
| 2 | 2220.4523 | 500 | 14,564 | 520 |
| 3 | 2220.4525 | 600 | 16,654 | 620 |
| 4 | 2220.4527 | 700 | 18,743 | 720 |
| 5 | 2220.4529 | 800 | 20,833 | 820 |

Depth: 1700 mm Net Size: 1740 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4531 | 400 | 13,173 | 420 |
| 2 | 2220.4533 | 500 | 15,380 | 520 |
| 3 | 2220.4535 | 600 | 17,586 | 620 |
| 4 | 2220.4537 | 700 | 19,793 | 720 |
| 5 | 2220.4539 | 800 | 22,000 | 820 |

Depth: 1800 mm Net Size: 1840 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4541 | 400 | 13,872 | 420 |
| 2 | 2220.4543 | 500 | 16,195 | 520 |
| 3 | 2220.4545 | 600 | 18,519 | 620 |
| 4 | 2220.4547 | 700 | 20,842 | 720 |
| 5 | 2220.4549 | 800 | 23,166 | 820 |

Depth: 1900 mm Net Size: 1940 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4551 | 400 | 14,570 | 420 |
| 2 | 2220.4553 | 500 | 17,011 | 520 |
| 3 | 2220.4555 | 600 | 19,451 | 620 |
| 4 | 2220.4557 | 700 | 21,892 | 720 |
| 5 | 2220.4559 | 800 | 24,332 | 820 |

Depth: 2000 mm Net Size: 2040 mm

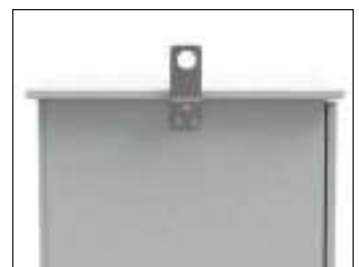
| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4561 | 400 | 15,268 | 420 |
| 2 | 2220.4563 | 500 | 17,826 | 520 |
| 3 | 2220.4565 | 600 | 20,384 | 620 |
| 4 | 2220.4567 | 700 | 22,941 | 720 |
| 5 | 2220.4569 | 800 | 22,499 | 820 |

Depth: 2100 mm Net Size: 2140 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4571 | 400 | 15,967 | 420 |
| 2 | 2220.4573 | 500 | 18,642 | 520 |
| 3 | 2220.4575 | 600 | 21,316 | 620 |
| 4 | 2220.4577 | 700 | 23,991 | 720 |
| 5 | 2220.4579 | 800 | 26,665 | 820 |

Depth: 2200 mm Net Size: 2240 mm

| LIST NO | PART CODE | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | COVER WIDTH (mm) |
|---------|-----------|----------------------|-------------|------------------|
| 1 | 2220.4581 | 400 | 16,666 | 420 |
| 2 | 2220.4583 | 500 | 19,458 | 520 |
| 3 | 2220.4585 | 600 | 22,248 | 620 |
| 4 | 2220.4587 | 700 | 25,041 | 720 |
| 5 | 2220.4589 | 800 | 30,831 | 820 |



MODULAR² IP65 External Fan

Ceiling ventilation module with IP55 protection





1-EYEBOLT
2- WASHER

3- CAP

4- STUD SCREW

5-SCREEN

6- FAN

7- CAGE

8-Enclosure TOP COVER

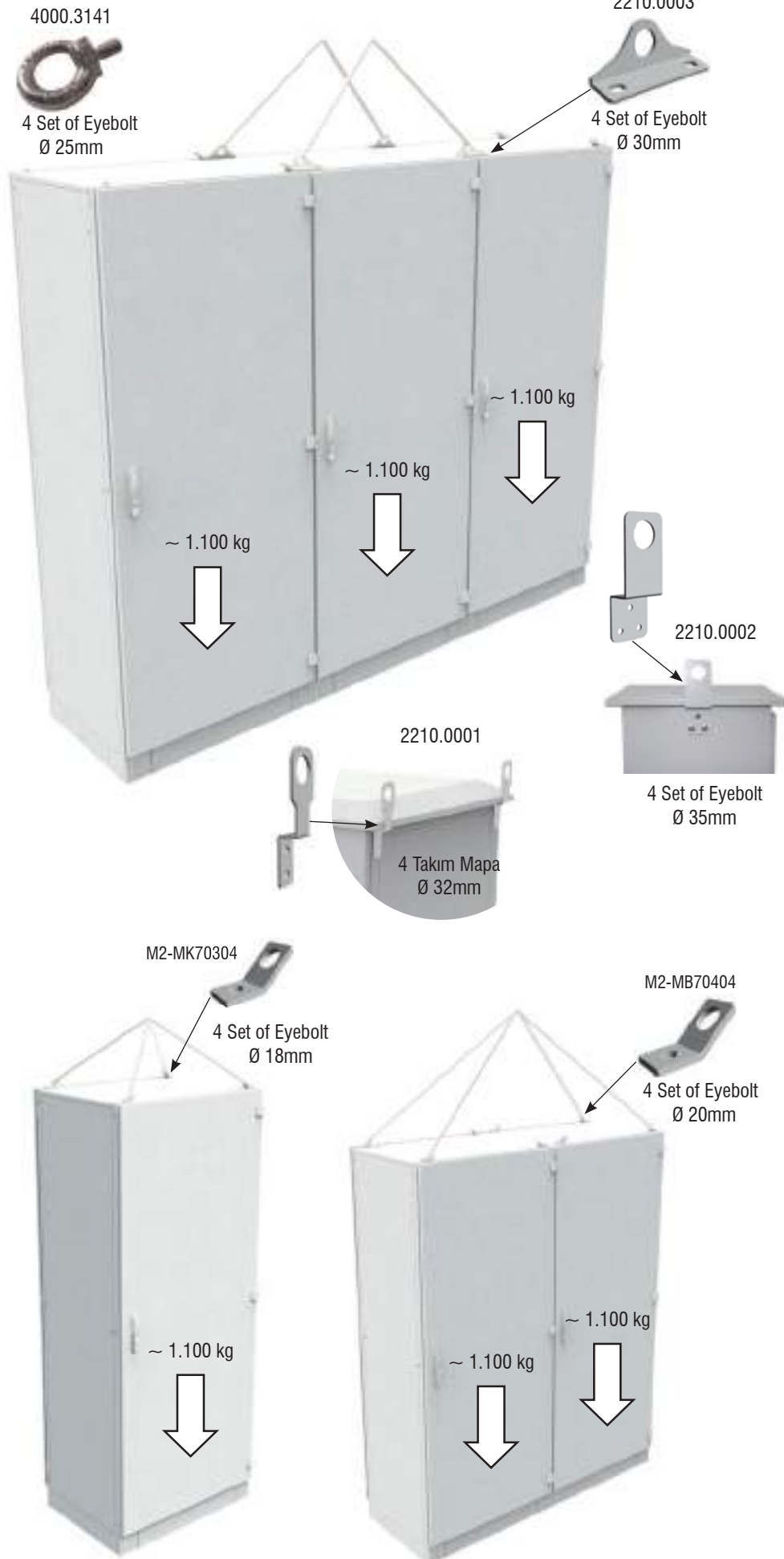


| | |
|-----------|---------------------------------------------------------------------------------------|
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| 4000.3145 |  |
| 4000.3189 |  |
| 4000.3171 |  |

MODULAR2 Disassembled Packaging

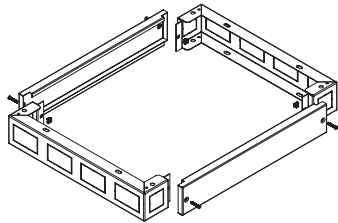


Transport Information

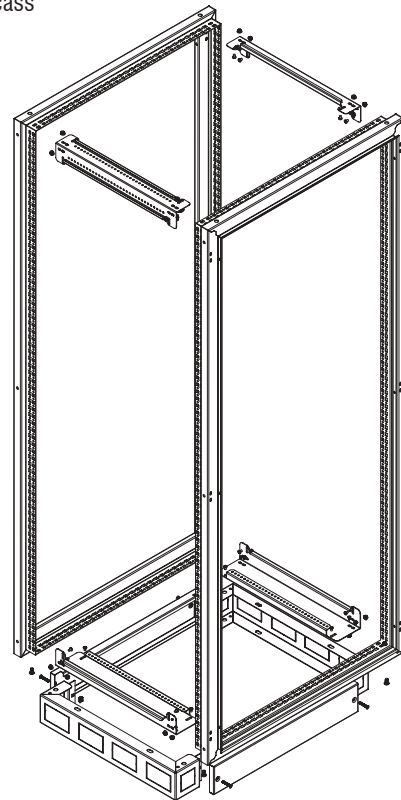


MODULAR²
Series Assembly Chart
Assembly Plate

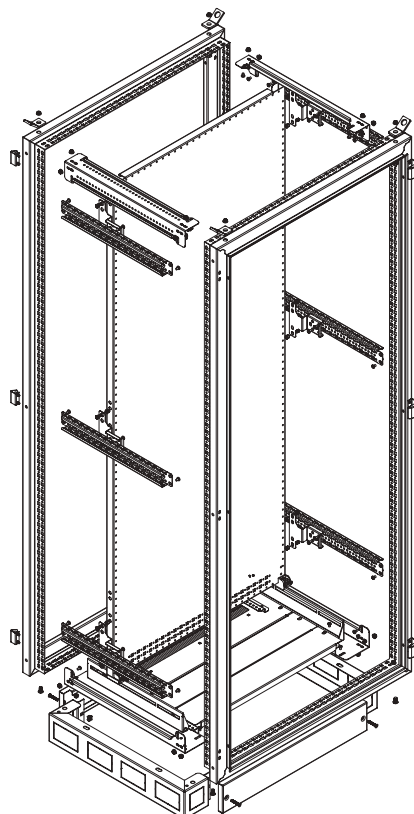
1st Step
Foot (Base)
Assembly System



2nd Step
Foot (Base)+Carcass
Assembly System

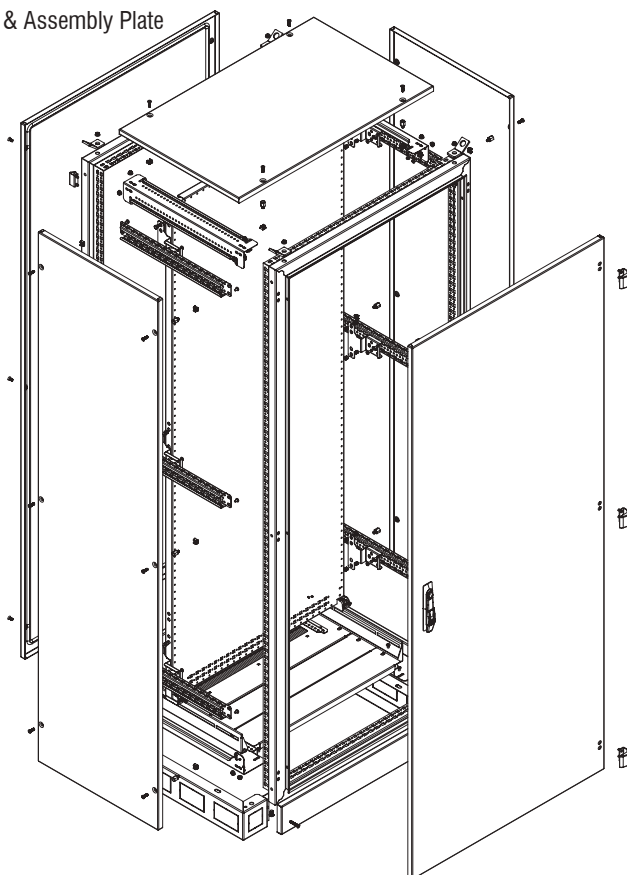


3rd Step
Foot (Base)+Carcass + Bottom
Coating & Assembly Plate

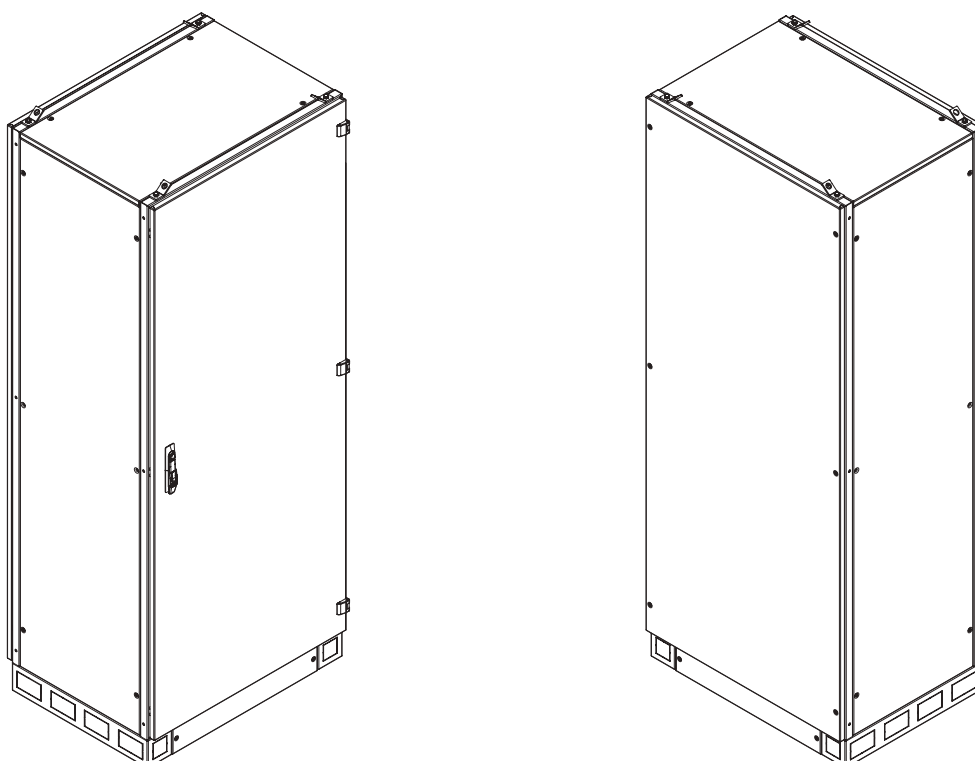


MODULAR² Series Assembly Chart Assembly Plate

5th Step
Foot (Base) + Carcass + Bottom Coating & Assembly Plate
+ Covers Assembly System

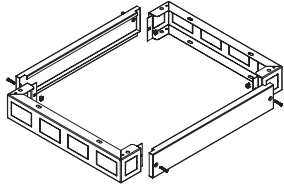


6th Step
Ready to Use General View with Cover

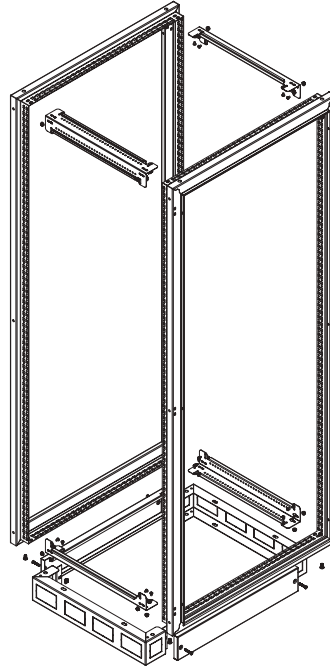


MODULAR²
Series Assembly Chart
With Contact Hazard Protection

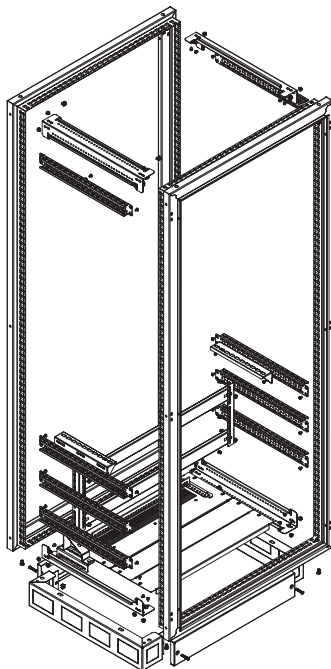
1st Step
Foot (Base)
Assembly System



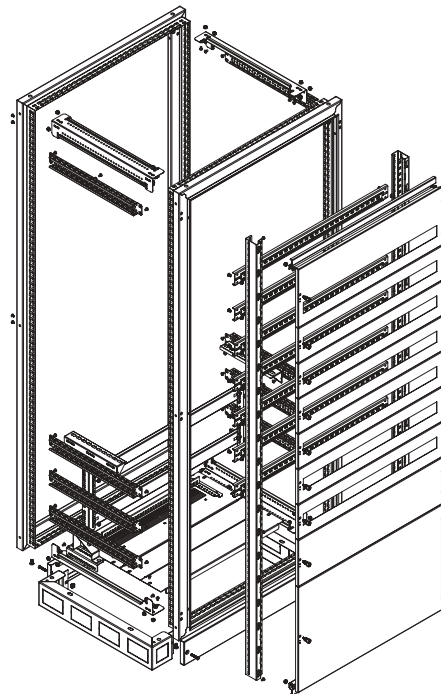
2nd Step
Foot (Base) + Carcass
Assembly System



3rd Step
Foot (Base) + Carcass + Bottom Coating
& Assembly Ties
Assembly System



4th Step
Foot (Base) + Carcass + Bottom Coating
& Assembly Ties + W. Automate Rails
+ Coating Sheets (Contact hazard protection)
Assembly System

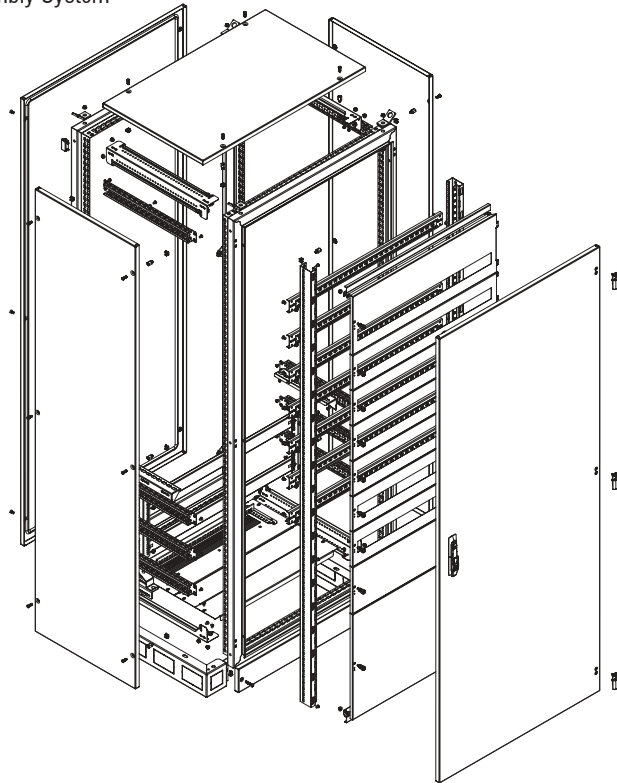


MODULAR²

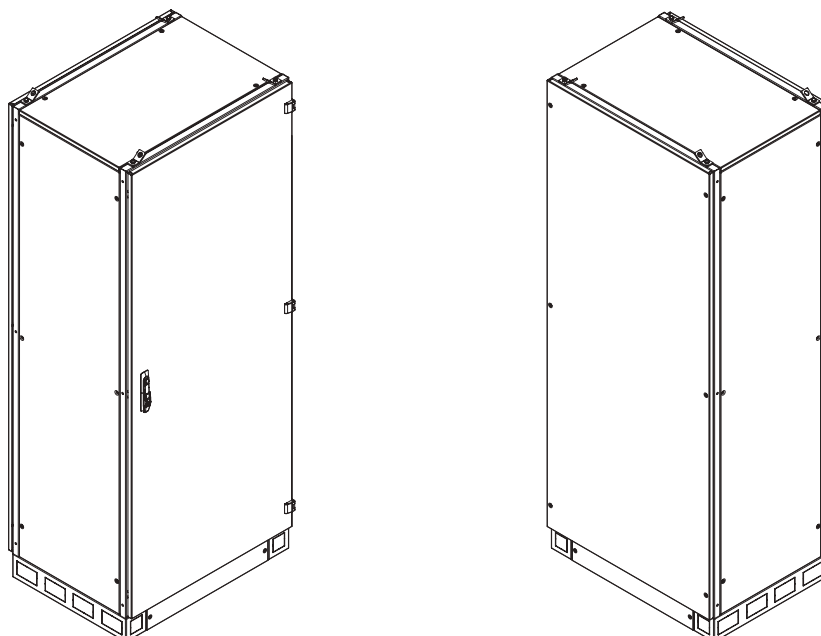
Series Assembly Chart

With Contact Hazard Protection

5th Step
Foot (Base)+Carcass + Bottom Coating
& Assembly Ties+ W. Automate Rails
+ Coating Sheets (Contact hazard protection)+ Raising Eyebolts+ Covers
Assembly System



6th Step
Ready to Use General View with Cover



Enclosure MODEL INTRODUCTION AND ANNOTATION

The skeleton of the M2 product model is made up of iron-steel in order to ensure the strength. 100 % domestic made galvanized sheets, with 0,70 gr-cover, Dx51 quality and test reports are used.

Welding techniques are not used in M2 products unless compulsory. Support is provided with welding at the joint points where seismic strength has to be high. Strengthening with polishing line resistant to the corrosion is made instead of galvanize which burns during welding, and the final coat is covered with RAL 7035 polyester paint after drying at 200 oC. Some joint points make the use of welding technology compulsory for IP protection need. Knowing that, we have the slogan of MODULAR AS NEEDED, WELDING AS NEEDED.

The reason for the welding as needed is to comply with the standards regarding to the bearing capacity when the heavy-weight materials such as switch and consumable materials are mounted, and therefore taking into account this, welding technic is used at skeleton joint points.

M2 products are designed in a manner to provide protection between the same carcass intervals of IP40-IP65. The points of the main skeleton standing on the plinth and its side to side joint points allow that the side and bottom-top covers remain out of the points which provide the IP protection. Thus high protection is ensured with different sealing and screwing technics. For instance, side and bottom-top covers ensure IP55 protection externally with countersunk head screw, and IP65 protection internally with centre screw. Polyurethane sealing is casted in both IP55-IP65 protection features.

In M2 system, the desired IP protection is provided without changing the skeleton. The reason why the product is functional is that it both provides IP protection and its internal parts comply with each other.

Options with part assembly plate, whole Longitudinal Assembly plate and internal curtain cover can be easily mounted. Longitudinal Assembly plates can be mounted, where there are side assembly-disassembly challenges, and at front.

In order to avoid the injury of the assembly staff, the corners of all the products have been produced in special molds as curved, taking into consideration the occupational health and safety. In order to avoid injuries, and increase the strength, the parts are double-twisted.

Depth joints are designed as screwed in order to reduce the shipment cost. While welded, fixed skeleton panel models cannot be loaded more than 8-10 ton to a 25-ton tractor-truck, front and back skeletons are temporarily mounted to each other with a special part in M2 products. During packaging, back cover and front door are inserted on the skeleton, and all other internal materials are packaged and put into the products. Hence, a 25-ton tractor-truck can be loaded with maximum efficiency, and the shipment can be made to farthest point of the world with a 1/3 lower cost.

The square will be used for on-site skeleton installations and all parts will be jointed as stated in the pages 140-145.

Early rusting is avoided by planning the indicator place in advance, where the unloading will be made, instead of operation of the panel mounters on the painted sheet. In addition, the opening of panel by the manufacturer will be right solution in order to avoid the rusting. If there are unplanned additions, it is advised to repair the cut parts with retouch paint to avoid early corrosion. The cut place remaining under the indicator after painting will not impede the progression of the corrosion.

Skeleton Installation

1



2



3



4



5



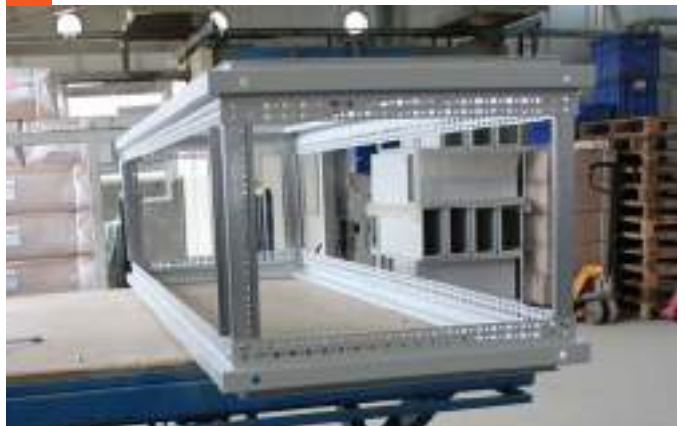
6



7









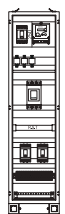

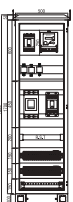



8



ERECT SYSTEM

Three-phase Counter Enclosures

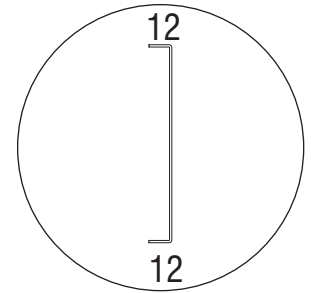
| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • ERECT SYSTEM Three-phase Counter Enclosure Contact hazard protections 147  | <ul style="list-style-type: none"> • External Enclosure Side IP55 Protection Cable Entry 159  |
| <ul style="list-style-type: none"> • Modular 2 ERECT SYSTEM Three-phase Enclosures 148  | <ul style="list-style-type: none"> • Modular 2 Open Site, Marine, Worksite Enclosures 160  |
| <ul style="list-style-type: none"> • Modular 2 ERECT SYSTEM Counter Enclosures Without Door 152  | <ul style="list-style-type: none"> • Wall-Leaning Ground-Type Transformer Under-Pole Counter Enclosures 162  |
| <ul style="list-style-type: none"> • ERECT SYSTEM MONOBLOCK Wall-Leaning Ground-Type Counter Enclosures 154  | <ul style="list-style-type: none"> • Erect-Type External Monoblock Back Cover Internal-Screw Enclosures IP55-IP65 164  |
| <ul style="list-style-type: none"> • Modular 2x5 Counter and Patch Enclosures 156  | <ul style="list-style-type: none"> • Monoblock Erect Enclosure (Side Carriers 165  |
| <ul style="list-style-type: none"> • Erect-Type Monoblock External Measuring Enclosures IP55-IP65 158  | <ul style="list-style-type: none"> • Erect-Type External Monoblock Back Fixed Enclosures IP55-IP65 166  |

ERECT SYSTEM

Three-Phase Counter Enclosure Contact Hazard Protections

| BOTTOM-TOP CHP | | | | | | |
|----------------|-----------|----------------------|----------------------|-------------|-------|-----|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | SIZES | |
| | | | | | A | B |
| 1 | 1990.1211 | 500 | 20 | 0,87 | 405 | 198 |
| 2 | 1990.1213 | 700 | 30 | 1,29 | 605 | 198 |
| 3 | 1990.1215 | 900 | 40 | 1,70 | 805 | 198 |
| 4 | 1990.1217 | 1100 | 52 | 2,11 | 1005 | 198 |
| 5 | 1990.1219 | 500 | CLOSED | 0,87 | 405 | 198 |
| 6 | 1990.1221 | 700 | CLOSED | 1,29 | 605 | 198 |
| 7 | 1990.1223 | 900 | CLOSED | 1,70 | 805 | 198 |
| 8 | 1990.1225 | 1100 | CLOSED | 2,11 | 1005 | 198 |

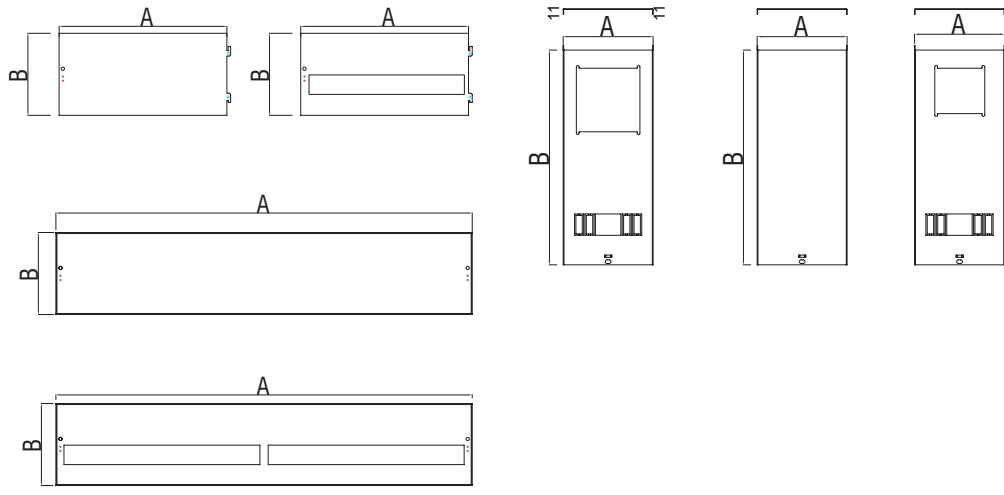
| COUNTER CHP | | | | | | |
|-------------|-----------|-----------------------------|--|------|-----|-----|
| 9 | 1990.1227 | THREE-PHASE COUNTER CHP | | 0,80 | 198 | 473 |
| 10 | 1990.1229 | THREE-PHASE CLOSED CIRCUITS | | 0,81 | 198 | 473 |
| 11 | 1990.1231 | TRİFAZE ÖLÇÜLERDE | | 0,83 | 198 | 473 |



4000.3235 / 4000.3213

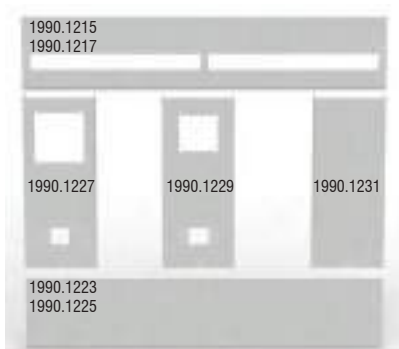
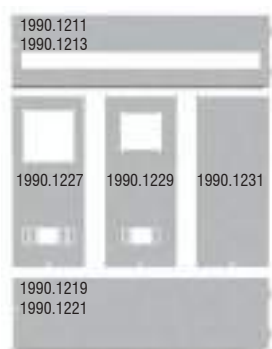


4000.3235 / 4000.3213



CHP are mounted with 1 set screw

| | |
|-----------|-------------|
| 4000.3185 | M6 NUT |
| 4000.3265 | M6x10 SCREW |



MODULAR2 ERECT SYSTEM
Three-Phase Counter Enclosures



*Internal changes requested
for the products of this group
are made upon demand.*

**MODULAR²
ERECT
SYSTEM**

**Three-
Phase
Counter
Enclosures**

Raw Material and Materials

| | | | |
|-----------------|------------------------------|-------------------------------|-----------------------------------------|
| Sheet | : Galvanized sheet | Foot Base (Right-Left) | : 2.0 mm painted (RAL 7035) |
| Side Covers | : 1.2 mm painted | Glass Covers | : 4.0 mm tempered fume glass at request |
| Paint | : RAL 7035 Epoxy Polyester | Foot Base (Front-Back Closer) | : 1.5 mm (RAL 7035) |
| Back Covers | : 1.2 mm painted | Internal CHP Carriers | : 1.5 mm painted |
| Carcass | : 2.0 mm painted | Lateral Joint | : 1.0 mm unpainted galvanize |
| Internal Covers | : 0.9 mm painted | Front Cover | : 1.5 mm painted |
| Joint | : 1.5 mm unpainted galvanize | | |
| Bottom Covers | : 1.2 mm unpainted galvanize | | |

Specifications and Intended Purpose

- Front-back covers in IP40 enclosures are with polyurethane seal
- Front covers locking system can lock at 3 points
- Top cover cable entry can be with brush-EPDM seal or flange at request
- Bottom closers can be with brush-EPDM seal or brush at request
- 4 pieces of raising Eyebolt
- Separate four edges or right-left options of plinths
- Right and left plinths fit for tearing up for cable entry
- Front doors, 20x20 mm profile, 4 pieces of zamak edge joint
- Glass holding cast (solid) Fermadur glue at front doors with glass

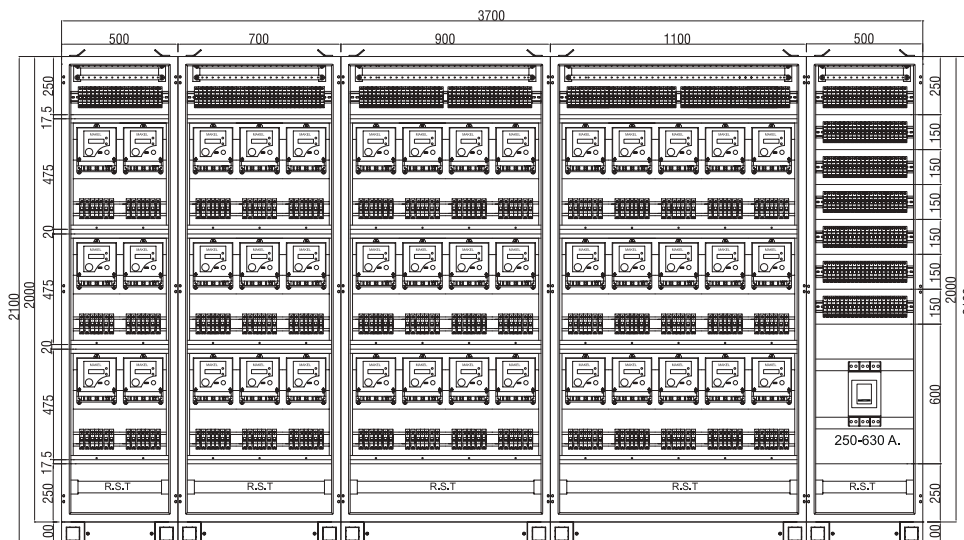
Area of Use

- IP40 in internal areas
- IP55-65 with cap in external areas

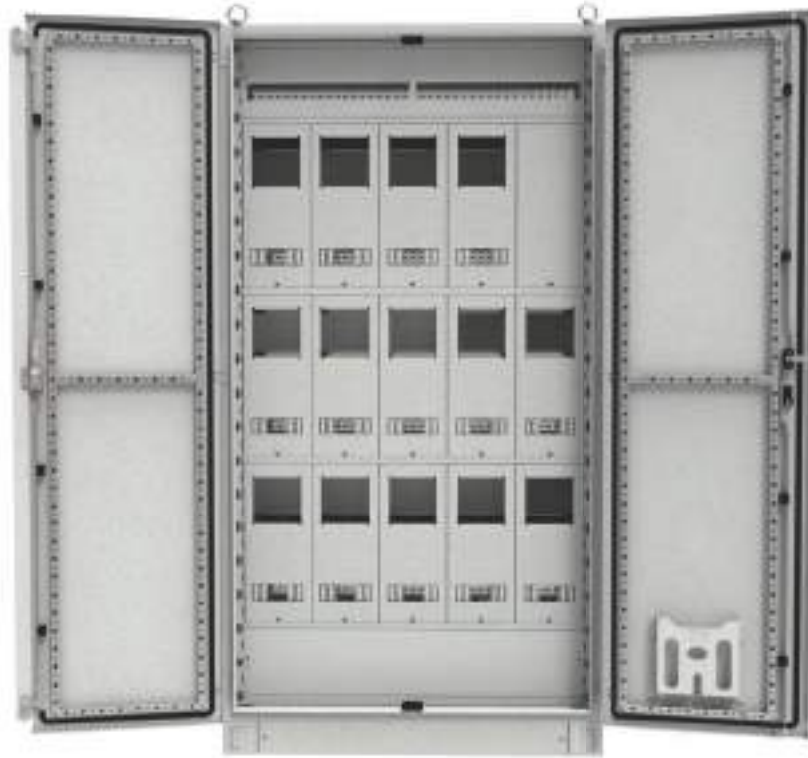
Options of Use

- Different options as flat cover, glass cover

| LIST NO | PRODUCT CODE | NUMBER OF COUNTER | NUMBER OF OUTLET W AUTOMATE | TPS | BUSBAR PLACE | | ENCLOSURE SIZE WxLxD |
|---------|--------------|-------------------|-----------------------------|-----|--------------|--------|----------------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 2001.1051 | BEFEED and PATCH | 140 | TPS | TOP | BOTTOM | 500x2100x400 |
| 2 | 2001.1053 | FEED and PATCH | 210 | TPS | TOP | BOTTOM | 700x2100x400 |
| 3 | 2001.1055 | 6 | 20 | NO | TOP | BOTTOM | 500x2100x400 |
| 4 | 2001.1057 | 9 | 30 | NO | TOP | BOTTOM | 700x2100x400 |
| 5 | 2001.1059 | 12 | 40 | NO | TOP | BOTTOM | 900x2100x400 |
| 6 | 2001.1061 | 15 | 52 | NO | TOP | BOTTOM | 1100x2100x400 |



MODULAR² ERECT SYSTEM
Three-Phase Counter Enclosures



MODULAR² ERECT SYSTEM

Three-Phase Counter Enclosures

| | | |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <p>CODE NUMBER:2001.1051</p> <p>6 Three-Phase Counter 20 W. Automate</p> | <p>CODE NUMBER:2001.1053</p> <p>9 Three-Phase Counter 30 W. Automate</p> | <p>CODE NUMBER:2001.1055</p> <p>12 Three-Phase Counter 40 W. Automate</p> |
| <p>CODE NUMBER:2001.1057</p> <p>15 Three-Phase Counter 52 W. Automate</p> | <p>CODE NUMBER: 2001.1059</p> <p>1 TPS 140 W. Automate Feed and Patch</p> | <p>CODE NUMBER:2001.1061</p> <p>1 TPS 210 W. Automate Feed and Patch</p> |

MODULAR² ERECT SYSTEM

Doorless Three- Phase Counter Enclosures



Raw Material and Materials

| | |
|-----------------|------------------------------|
| Sheet | : Galvanized sheet |
| Side Covers | : Without Cover |
| Paint | : RAL 7035 Epoxy Polyester |
| Back Covers | : 1.2 mm painted |
| Carcass | : 2.0 mm painted |
| Internal Covers | : 1.2 mm painted |
| Joint | : 1.5 mm unpainted galvanize |
| Bottom Covers | : 0.9 mm painted |

| | |
|-------------------------------|------------------------------|
| Foot Base (Right-Left) | : 2.0 mm painted (RAL 7035) |
| Glass Covers | : 1.2 mm unpainted galvanize |
| Foot Base (Front-Back Closer) | : 1.5 mm (RAL 7035) |
| Internal CHP Carriers | : 1.5 mm painted |
| Lateral Joint | : 1.0 mm unpainted galvanize |

Specifications and Intended Purpose

- Front-back covers in IP20 enclosures are with polyurethane seal
- Back cover with polyurethane seal
- Top cover cable entry can be with brush-EPDM seal or flange at request
- Bottom closers can be with brush-EPDM seal or brush at request
- 4 pieces of raising Eyebolt
- Separate four edges or right-left options of plinths
- Right and left plinths fit for tearing up for cable entry
- Front doors, 20x20 mm profile, 4 pieces of zamak edge joint
- Glass holding cast (solid) Fermadur glue at front doors with glass

Area of Use

- IP20 in internal areas

Options of Use

- Indoor enclosure room

| LIST NO | PRODUCT CODE | NUMBER OF COUNTER | NUMBER OF OUTLET W AUTOMATE | TPS | BUSBAR PLACE | | Enclosure SIZE WxLxD |
|---------|--------------|-------------------|-----------------------------|------|--------------|--------|----------------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 2002.1051 | BEFEED and PATCH | 147 | TPS | TOP | BOTTOM | 500x2100x380 |
| 2 | 2002.1053 | FEED and PATCH | 210 | TPS | TOP | BOTTOM | 700x2100x380 |
| 3 | 2002.1055 | 6 | 20 | NONE | TOP | BOTTOM | 470x2100x380 |
| 4 | 2002.1057 | 9 | 30 | NONE | TOP | BOTTOM | 670x2100x380 |
| 5 | 2002.1059 | 12 | 40 | NONE | TOP | BOTTOM | 870x2100x380 |
| 6 | 2002.1061 | 15 | 52 | NONE | TOP | BOTTOM | 1070x2100x380 |

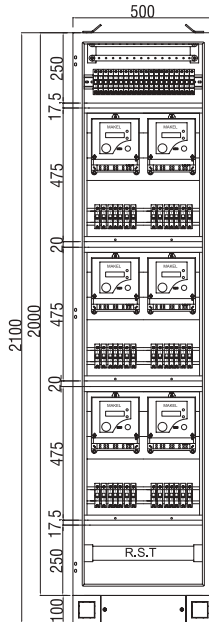


MODULAR² ERECT SYSTEM

Doorless Three-Phase Counter Enclosures

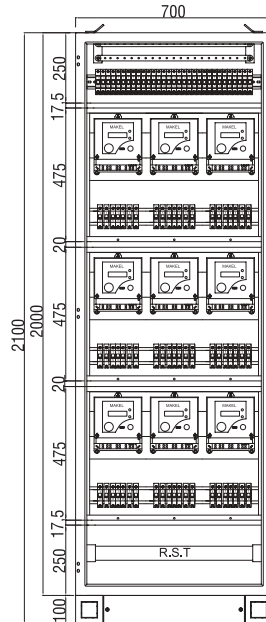
CODE NUMBER: 2002.1051

6 Three-Phase Counter
20 W. Automate



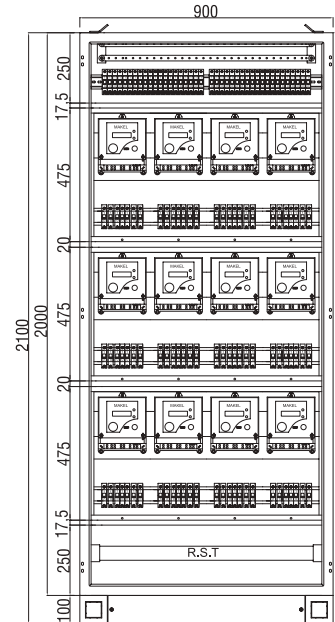
CODE NUMBER: 2002.1053

9 Three-Phase Counter
30 W. Automate



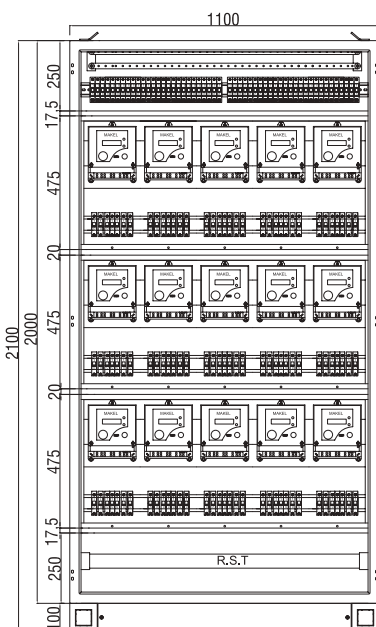
CODE NUMBER: 2002.1055

12 Three-Phase Counter
40 W. Automate



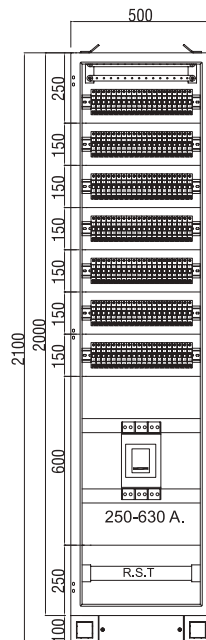
CODE NUMBER: 2002.1057

15 Three-Phase Counter
52 W. Automate



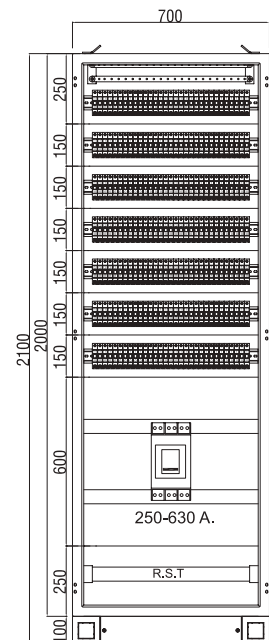
CODE NUMBER: 2002.1059

1 TPS
140 W. Automate
Feed and Patch



CODE NUMBER: 2002.1061

1 TPS
210 W. Automate
Feed and Patch



ERECT SYSTEM MONOBLOCK

Wall Leaning Ground-Type Counter Enclosures



Raw Material and Materials

| | |
|--------------|-------------------------------|
| Sheet | : Galvanized sheet |
| Front Cover | : 1.5 mm painted |
| Paint | : RAL 7035 Epoxy Polyester |
| Bottom Plate | : 1.5 mm unpainted galvanize |
| Carcass | : 1.5 mm momoblock or painted |
| CHP Carriers | : 1.5 mm painted |

| | |
|-------------------------------|------------------------------|
| Foot Base (Right-Left) | : 2.0 mm painted (RAL 7035) |
| Internal Assembly Plinths | : 1.5 mm unpainted galvanize |
| Foot Base (Front-Back Closer) | : 1.5 mm (RAL 7035) |
| CHP | : 0.9 mm painted |

Specifications and Intended Purpose

- Monoblock body structure enabling IP65 protection
- Front covers can be locked at three points with armed lock system
- 2 pieces of raising eyebolt are mounted at right and left center
- Plinths are assembled and disassembled with two screws at right-left and front-back sides
- Right and left plinths fit for tearing up for cable entry
- Front doors, 20x20 mm profile, 4 pieces of zamak edge joint
- Open top and bottom (bottom is closed with plate and top with cap)

Area of Use

- Indoor, in moist and wet areas

| LIST NO | PRODUCT CODE | NUMBER OF COUNTER | NUMBER OF OUTLET W AUTOMATE | TPS | BUSBAR PLACE | | Enclosure SIZE WxLxD |
|---------|--------------|-------------------|-----------------------------|------|--------------|--------|----------------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 2003.1051 | BEFEED and PATCH | 147 | TPS | TOP | BOTTOM | 500x2055x270 |
| 2 | 2003.1053 | FEED and PATCH | 210 | TPS | TOP | BOTTOM | 700x2055x270 |
| 3 | 2003.1055 | 6 | 20 | NONE | TOP | BOTTOM | 470x2055x270 |
| 4 | 2003.1057 | 9 | 30 | NONE | TOP | BOTTOM | 670x2055x270 |
| 5 | 2003.1059 | 12 | 40 | NONE | TOP | BOTTOM | 870x2055x270 |
| 6 | 2003.1061 | 15 | 52 | NONE | TOP | BOTTOM | 1070x2055x270 |



ERECT SYSTEM MONOBLOCK

Wall Leaning Ground-Type Counter Enclosures



MODULAR² X5 Counter and Patch Enclosures



Raw Material and Materials

| | | | |
|-------------------------------|------------------------------|---------------------------|------------------------------|
| Sheet | : Galvanized sheet | Front Cover | : 1.5 mm painted |
| Paint | : RAL 7035 Epoxy Polyester | Bottom Plate | : 1.5 mm painted |
| Carcass | : 2.0 mm painted | CHP Carriers | : 1.2 mm painted |
| Joint | : 1.5 mm unpainted galvanize | | : 0.9 mm painted |
| Foot Base (Right-Left) | : 2.0 mm painted (RAL 7035) | Internal Assembly Plinths | : 1.2 mm unpainted galvanize |
| Foot Base (Front-Back Closer) | : 1.5 mm painted (RAL 7035) | CHP | : 1.5 mm painted |
| Lateral Joint | : 1.5 mm unpainted galvanize | | |

Specifications and Intended Purpose

- Front-back covers in IP40 enclosures are with polyurethane seal
- Front covers locking system can lock at 3 points
- Top cover cable entry can be with brush-EPDM seal or flange at request
- Bottom closers can be with brush-EPDM seal or brush at request
- 4 pieces of raising Eyebolt
- Separate four edges or right-left options of plinths
- Right and left plinths fit for tearing up for cable entry
- Front doors, 20x20 mm profile, 4 pieces of zamak edge joint

Area of Use

- IP40 in internal areas

Options of Use

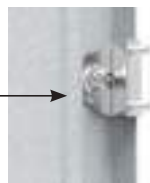
- With flat cover

| LIST NO | PRODUCT CODE | COUNTER | MEASURE (AMPER) | SIZE WxLxD |
|---------|--------------|---------|-----------------|--------------|
| 1 | 2004.1051 | X5 | 100 A | 500x1600x400 |
| 2 | 2004.1053 | X5 | 160 A | 600x1600x400 |
| 3 | 2004.1055 | X5 | 250 A | 700x1600x400 |
| 4 | 2004.1057 | X5 | 400 A | 800x1600x500 |
| 5 | 2004.1059 | X5 | 100 A | 500x1800x400 |
| 6 | 2004.1061 | X5 | 160 A | 600x1800x400 |
| 7 | 2004.1063 | X5 | 250 A | 700x1800x400 |
| 8 | 2004.1065 | X5 | 400 A | 800x1800x500 |
| 9 | 2004.1067 | X5 | 100 A | 500x2000x400 |
| 10 | 2004.1069 | X5 | 160 A | 600x2000x400 |
| 11 | 2004.1071 | X5 | 250 A | 700x2000x400 |
| 12 | 2004.1073 | X5 | 400 A | 800x2000x500 |

Internal-screw back cover for seal

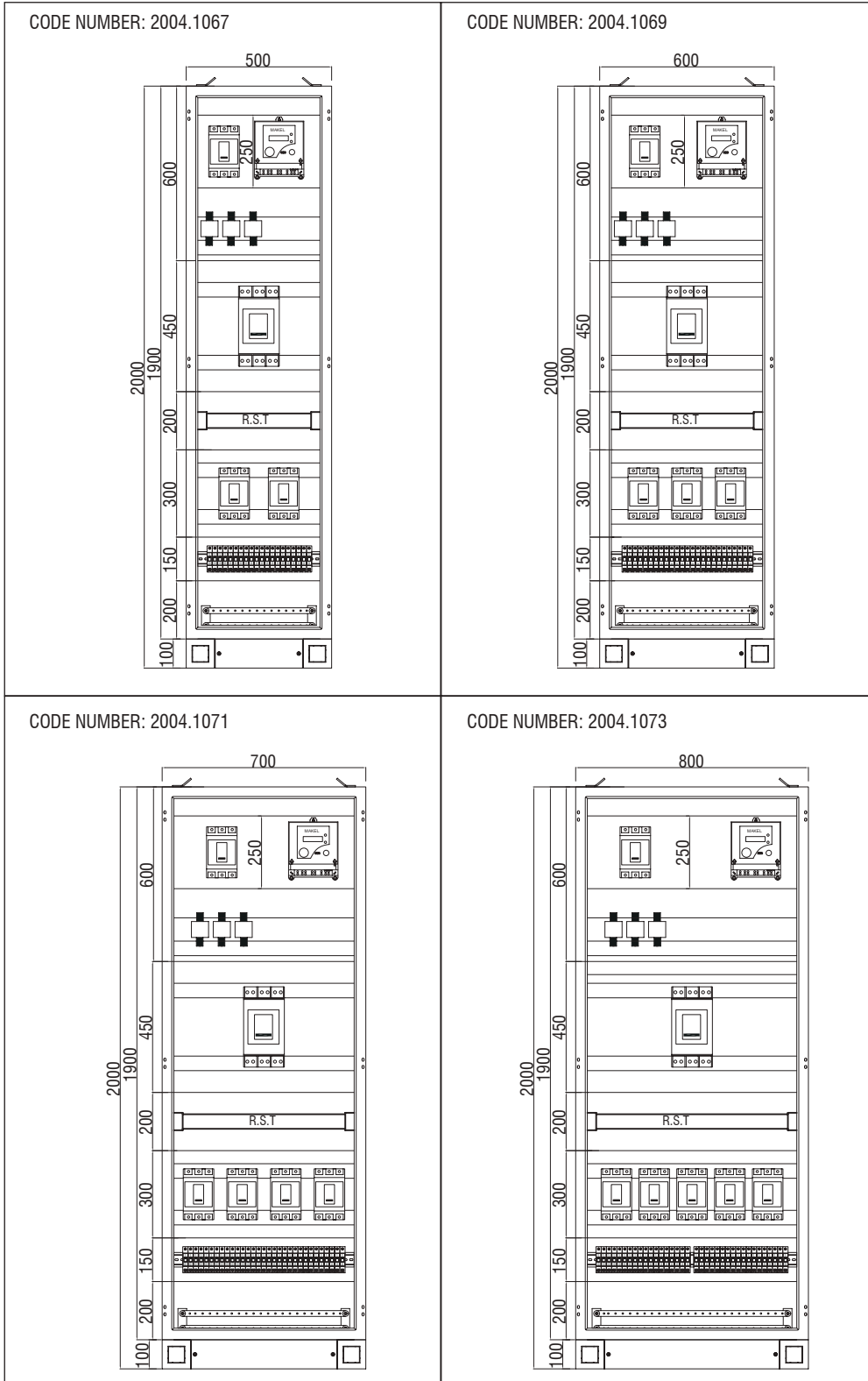


Internal-screw bracket



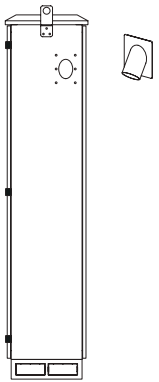
MODULAR2

X5 Counter and Patch Enclosures

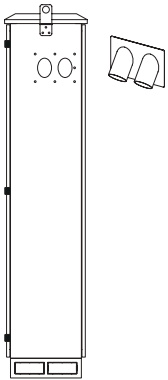


- 3400.1255 
- 3400.1273 
- 4000.3433 4000.3431 
- 3400.1327 
- 4000.3427 / 4000.3213 
- 4000.2127 
- 4000.3221 
- 2220.3451 
- 4000.2145 / 4000.3111 
- 4000.2345 
- 3400.1691 
- 4000.2343 4000.2183 
- M2-MB70404 
- 2210.0009 
- 4000.3245 / 4000.3189 
- 4000.2121 
- 4000.3235 / 4000.3213 

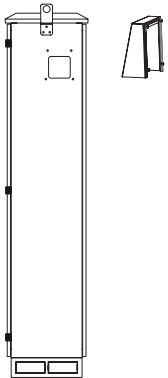
Erect-Type Monoblock External Measure Enclosures IP55-IP65



HTX-1



HTX-2



Raw Material and Materials

Sheet : Galvanized sheet
 Front Cover : 1.5 mm painted
 Paint : RAL 7035 Epoxy Polyester
 Bottom Plate : 1.5 mm painted
 Carcass : 1.5 mm monoblock or painted
 CHP Carriers : 1.5 mm unpainted galvanize

Foot Base (Right-Left) : 2.0 mm painted (RAL 7035)
 Internal Assembly Plinths : 1.0 mm painted
 Foot Base (Front-Back Closer): 1.5 mm (RAL 7035)
 CHP : 1.0 mm painted
 Lateral Joint : 1.0 mm painted

Specifications and Intended Purpose

Sheet : Galvanized sheet
 Front Cover : 1.5 mm painted
 Paint : RAL 7035 Epoxy Polyester
 Bottom Plate : 1.5 mm painted
 Carcass : 1.5 mm monoblock or painted
 CHP Carriers : 1.5 mm unpainted galvanize
 Foot Base (Right-Left) : 2.0 mm painted (RAL 7035)
 Internal Assembly Plinths : 1.0 mm painted

Foot Base (Front-Back Closer) : 1.5 mm (RAL 7035)
 CHP : 1.0 mm painted
 Lateral Joint : 1.0 mm painted

Area of Use

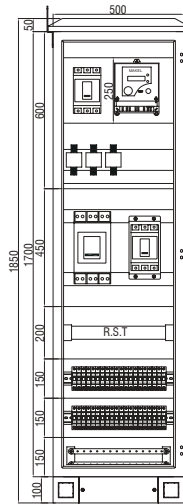
- Outdoor,
- Indoor, in moist and wet areas
- In flammable and explosives medias

Options of Use

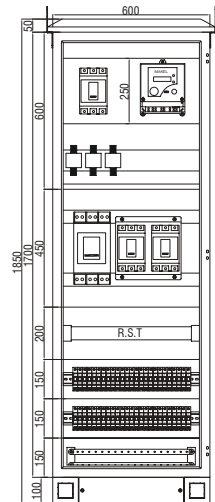
- Produced as packaged fitting to the purpose

| LIST NO | PRODUCT CODE | COUNTER | MEASURE (AMPER) | SIZE WxLxD |
|---------|--------------|---------|-----------------|--------------|
| 1 | 2005.1151 | X5 | 100 | 500x1850x400 |
| 2 | 2005.1153 | X5 | 160 | 600x1850x400 |
| 3 | 2005.1155 | X5 | 250 | 700x1850x400 |
| 4 | 2005.1157 | X5 | 400 | 800x1850x500 |

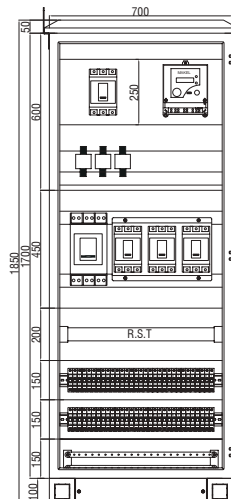
CODE NUMBER:
2005.1151



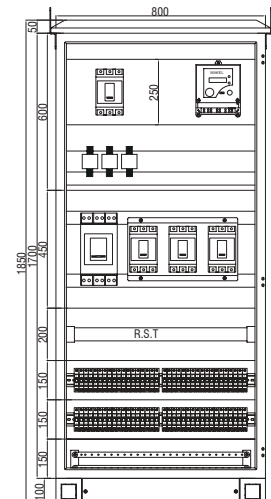
CODE NUMBER:
2005.1153



CODE NUMBER:
2005.1155



CODE NUMBER:
2005.1157



External Enclosure Side IP55-IP65 Protection Cable Entry

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5-2.0 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : Feature providing IP65 protection

Specifications and Intended Purpose

- Protection against water and dust
- Providing protection against external impacts
- With polyurethane seal preventing water entry from sides
- With centre screw and internal threaded in order not to be dismantled externally

| LIST NO | PART CODE | REMARK | WEIGHT (kg) |
|---------|-----------|-------------------------------------------------------------------------|-------------|
| 1 | 1990.1281 | Enclosure Under External Pole. Cable Entry IP55 Protection Pipe. Single | 0,650 |
| 2 | 1990.1283 | Enclosure Under External Pole. Cable Entry IP55 Protection Pipe. Double | 1,019 |
| 3 | 1990.1285 | Enclosure Under External Pole. Cable Entry IP55 | 0,828 |

1990.1281



1990.1283



1990.1285



3400.1255

 3400.1273

 4000.3433 4000.3431
 3400.1327

 4000.3427 / 4000.3213
 4000.3267

 4000.3187
 4000.2127

 4000.3221
 2210.0002

 4000.3267 / 4000.3187
 2220.3451

 4000.2145 / 4000.3111

 4000.2345
 3400.1691

 4000.2343 4000.2183
 1990.1285

 4000.2345 / 4000.3185

MODULAR² Open Site, Marine, Worksite Enclosures

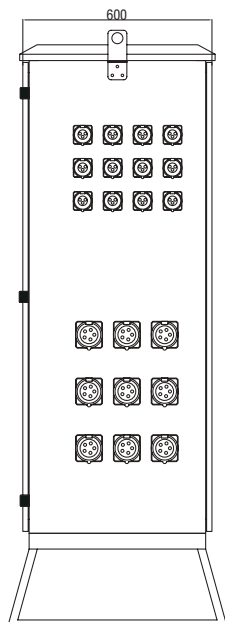
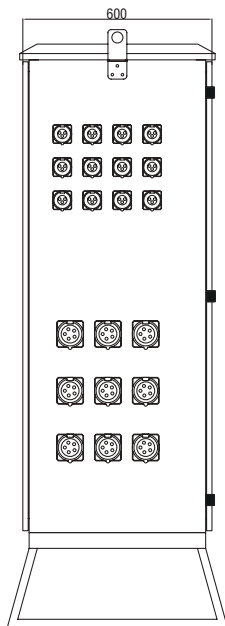
Raw Material and Materials

Sheet : Galvanized sheet
 Back Cover : 1.5 mm painted
 Paint : RAL 7035 Epoxy Polyester (Yellow)
 Bottom Cover: 1.5 mm body with Eva seal, painted
 Body : 1.5 mm painted Internal Assembly
 Plinths : 1.5 mm unpainted galvanize

Special Foot (Base) : 2.0 mm painted
 Cap : 1.5 mm painted over liner
 Lateral Joint : 1.5 mm unpainted galvanize
 Front Cover : 1.5 mm painted

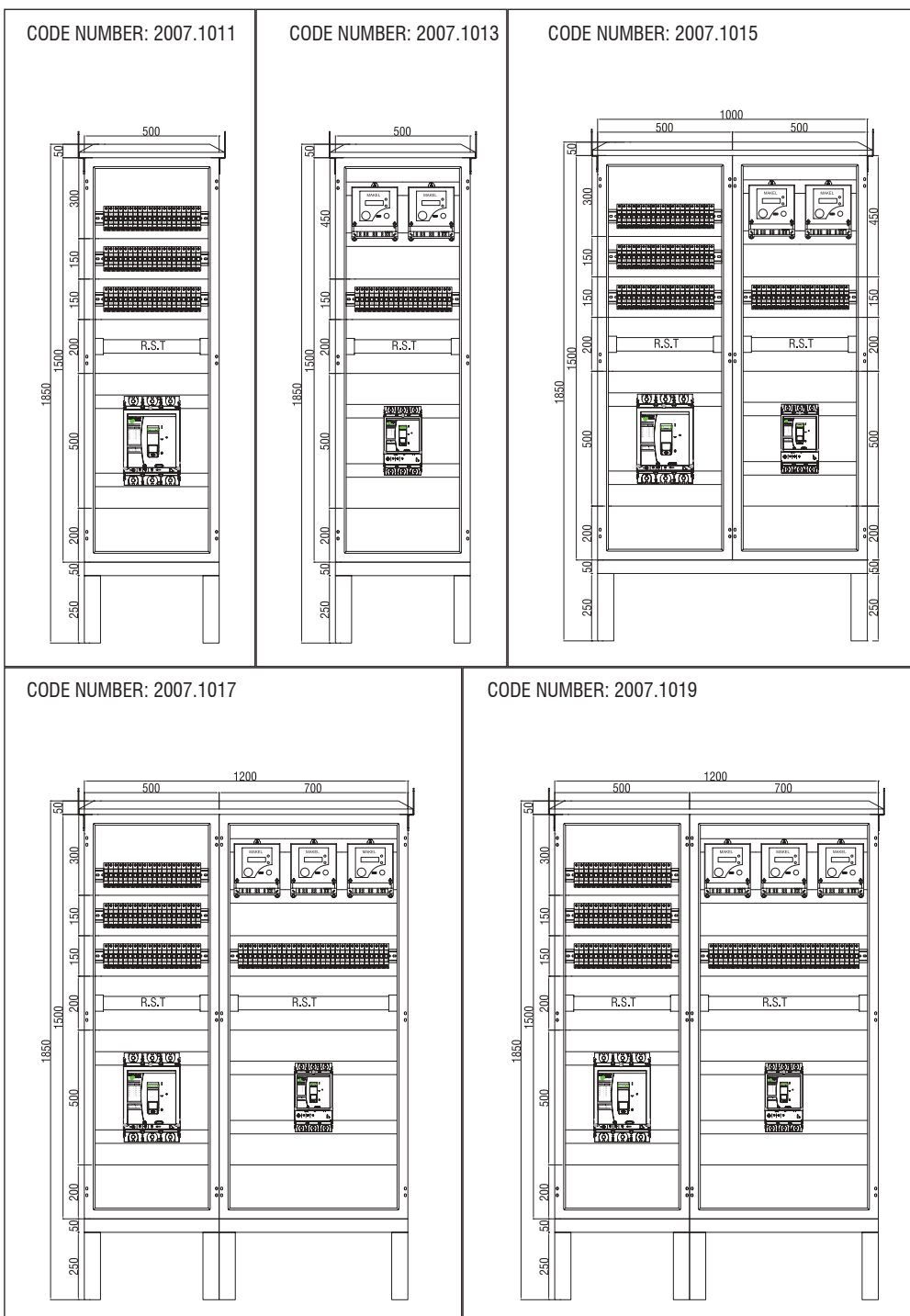
Specifications and Intended Purpose

- Outdoor areas such as marines, caravan parks
- Monobloc body structure providing IP65 protection
- Angular foot against tumbling down
- Internal threaded against external interference
- Front covers locking system can lock at 3 points with armed lock system
- Front covers with arm and padlock
- Caps with polyethylene seal. Mounted with M8 screw.
- 2 pieces of eyebolts are screwed from right and left centers
- Plugs are mounted to right and left
- Leveled section is first painted with polishing liner



*These products are designed as packaged.
Amendment can be made at request.*

| LIST NO | PART CODE | COUNTER | TPS AMPER | Enclosure SIZE WxLxD |
|---------|-----------|--------------|-----------|----------------------|
| 1 | 2007.1011 | FEED P. | 800 | 500x1850x600 |
| 2 | 2007.1013 | INFILTRATION | 800+100 | 500x1850x600 |
| 3 | 2007.1015 | INFILTRATION | 800+100 | 1000x1850x600 |
| 4 | 2007.1017 | INFILTRATION | 800+100 | 1200x1850x600 |
| 5 | 2007.1019 | INFILTRATION | 800+100 | 1400x1850x600 |



Wall Leaning Ground- Type Transformer Under-Pole Counter Enclosures

Raw Material and Materials

Sheet : Galvanized sheet
 Hinge : Hidden, with aluminum body, welded to cover
 Paint : RAL 7035 Epoxy Polyester
 Lower Plate: 1.2 mm painted

Seal : Polyurethane Cast Seal at Cover
 Lock : Armed espagnolette padlock
 Screws : SST8

Specifications and Intended Purpose

- Monobloc body structure providing IP55-65 protection
- Caps are with 1.5 mm polyurethane seal. Mounted with guide screw at top
- X5 Counter Enclosure
- Plinths are mounted with two screws from right and left, front and back sides

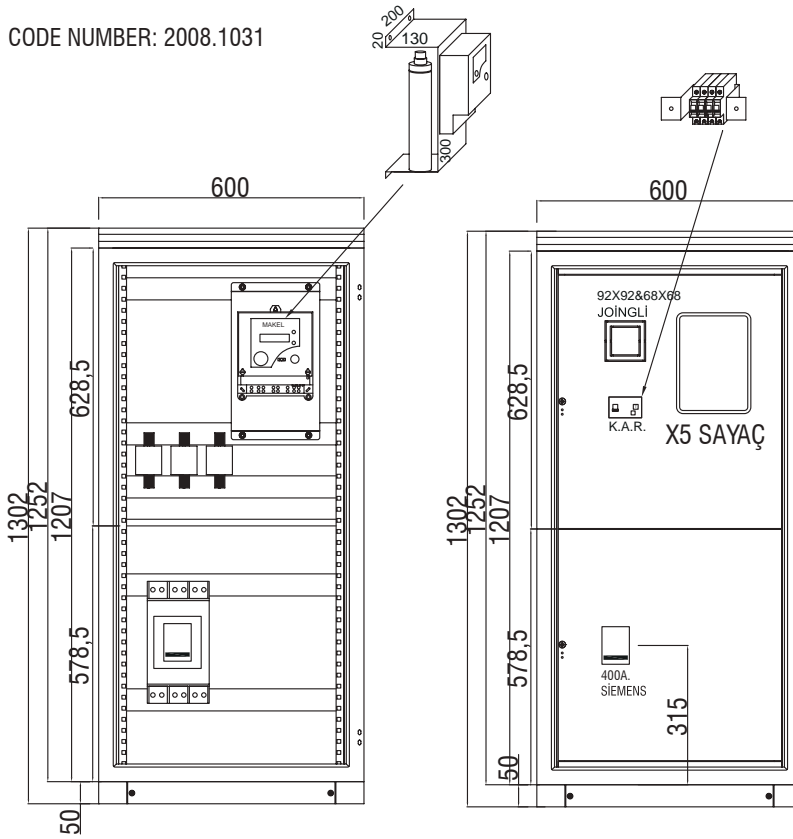
Area of Use

- In outdoor areas
- Indoor, in moist and wet areas
- Under pole

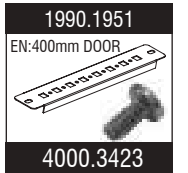
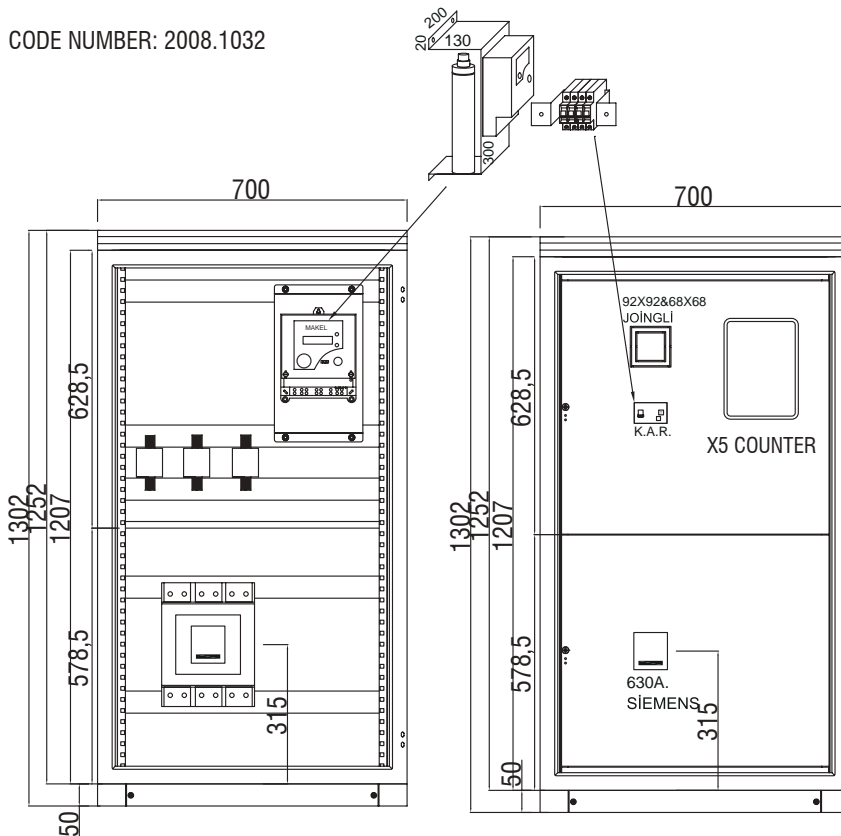
| LIST NO | PRODUCT CODE | ENTRY | SIZE (AMPER) | SIZE WxLxD |
|---------|--------------|-------|--------------|--------------|
| 1 | 2008.1031 | TPS | 400 | 600x1255x335 |
| 2 | 2008.1032 | TPS | 630 | 700x1255x335 |



CODE NUMBER: 2008.1031



CODE NUMBER: 2008.1032



Erect-Type External Monobloc Back Cover Internal Threaded Enclosures

(Depth: 400 mm)

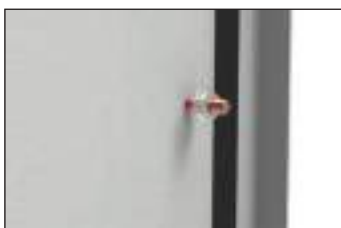
IP55



IP65



IP65



Raw Material and Materials

| | | | |
|---------------------------|-------------------------------|-------------------------------|------------------------------|
| Sheet | : Galvanized sheet | Foot Base (Front-Back Closer) | : 1.5 mm painted (RAL 7035) |
| Bottom Plate | : 1.5 mm painted | External Caps | : 1.5 mm painted |
| Paint | : RAL 7035 Epoxy Polyester | Lateral Joint | : 1.5 mm unpainted galvanize |
| CHP Carriers | : 1.5 mm painted | Side Caps | : 1.5 mm unpainted galvanize |
| Carcass | : 1.5 mm monobloc and painted | Front Cover | : 1.5 mm painted |
| Internal Assembly Plinths | : 1.5 mm unpainted galvanize | Whole Assembly Plate | : 1.5 mm unpainted galvanize |
| Foot Base (Right-Left) | : 2.0 mm painted (RAL 7035) | | |
| CHP | : 0.9 mm painted | | |

Specifications and Intended Purpose

- Monobloc body structure providing IP65 protection
- Front covers locking system can be locked at 3 points with armed lock system
- Caps are with 1.5 mm polyurethane seal. Mounted with guide screw at top
- 2 pieces of raising eyebolt is screwed at right and left center
- Plinths are assembled and dissembled with two screw at right-left, front-back sides
- Right and left plinths fit for tearing up for cable entry
- Front doors, 20x20 mm profile, 4 pieces of zamak edge joint

Area of Use

- In external areas
- Indoor, in moist and wet areas
- In flammable and explosives medias

Options of Use

- Longitudinal assembly plate
- Partitioned assembly plate
- With internal cover (with contact hazard protection)

| Width: 500 mm Depth: 400 mm | | | |
|-----------------------------|--------------|---------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE |
| 1 | 2010.1011 | 1000 | 405x853 |
| 2 | 2010.1013 | 1200 | 405x1053 |
| 3 | 2010.1015 | 1400 | 405x1253 |
| 4 | 2010.1017 | 1600 | 405x1453 |
| 5 | 2010.1019 | 1800 | 405x1653 |
| 6 | 2010.1021 | 2000 | 405x1853 |

| Width: 600 mm Depth: 400 mm | | | |
|-----------------------------|--------------|---------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE |
| 1 | 2010.1031 | 1000 | 505x853 |
| 2 | 2010.1033 | 1200 | 505x1053 |
| 3 | 2010.1035 | 1400 | 505x1253 |
| 4 | 2010.1037 | 1600 | 505x1453 |
| 5 | 2010.1039 | 1800 | 505x1653 |
| 6 | 2010.1041 | 2000 | 505x1853 |

| Width: 700 mm Depth: 400 mm | | | |
|-----------------------------|--------------|---------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE |
| 1 | 2010.1051 | 1000 | 605x853 |
| 2 | 2010.1053 | 1200 | 605x1053 |
| 3 | 2010.1055 | 1400 | 605x1253 |
| 4 | 2010.1057 | 1600 | 605x1453 |
| 5 | 2010.1059 | 1800 | 605x1653 |
| 6 | 2010.1067 | 2000 | 605x1853 |

| Width: 800 mm Depth: 400 mm | | | |
|-----------------------------|--------------|---------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE |
| 1 | 2010.1071 | 1000 | 705x853 |
| 2 | 2010.1073 | 1200 | 705x1053 |
| 3 | 2010.1075 | 1400 | 705x1253 |
| 4 | 2010.1077 | 1600 | 705x1453 |
| 5 | 2010.1079 | 1800 | 705x1653 |
| 6 | 2010.1081 | 2000 | 705x1853 |

The internal parts of these products (i.e., assembly plate and Contact hazard protection) comply with internal parts of Modular 2.

Part in the catalog will be selected from the table Page



Plinth height: 100 mm



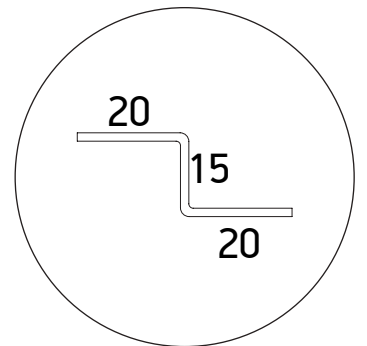
| | |
|-----------------------|-----------------------|
| 3400.1255 | 2210.0002 |
| | |
| 4000.3267 / 4000.3187 | 4000.3267 / 4000.3187 |
| 3400.1273 | 2220.3451 |
| | |
| 4000.3433 4000.3431 | 4000.2145 4000.3111 |
| 3400.1327 | |
| | 4000.2345 |
| 4000.3427 / 4000.3213 | 3400.1691 |
| 3400.1327 | |
| | 4000.2343 4000.2183 |
| 4000.3167 | |
| 4000.3267 | 2210.0083 |
| | |
| 4000.3187 | 4000.3411 / 4000.3185 |
| | |
| | |
| 4000.3233 / 4000.3213 | |

Monobloc Erect Enclosure (Side carriers)

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : Unpainted Galvanize
 Twist Feature : 20x15x20 mm

► Specifications and Intended Purpose

Used at contact hazard protection sheet enclosures
 Mounted vertically with M6 drive screw at sides
 12,5 coefficient, 4,5 mm-9 mm square coefficient with hole. (M6 cage nut and M6 guide screw)
 For lateral (depth) assembly



| LIST NO | PART CODE | ENCLOSURE SIZE FOOT (WITH PLINTH) | PART SIZE (mm) | WEIGHT (kg) |
|---------|-----------|-----------------------------------|----------------|-------------|
| 1 | 1990.1311 | 1000 | 900 | 0,579 |
| 2 | 1990.1313 | 1100 | 1000 | 0,643 |
| 3 | 1990.1315 | 1200 | 1100 | 0,707 |
| 4 | 1990.1317 | 1300 | 1200 | 0,772 |
| 5 | 1990.1319 | 1400 | 1300 | 0,836 |
| 6 | 1990.1321 | 1500 | 1400 | 0,900 |
| 7 | 1990.1323 | 1600 | 1500 | 0,965 |
| 8 | 1990.1325 | 1800 | 1700 | 1,093 |
| 9 | 1990.1327 | 2000 | 1900 | 1,222 |

| |
|-----------|
| 4000.2345 |
| |
| 4000.3185 |

Erect-Type External Monobloc Enclosures With Fixed Back

(Depth: 335 mm)



M.246-01



Raw Material and Materials

| | |
|----------------|-------------------------------|
| Sheet | : Galvanized sheet |
| Assembly Plate | : 1.5 mm unpainted galvanize |
| Paint | : RAL 7035 Epoxy Polyester |
| Bottom Plate | : 1.5 mm unpainted galvanize |
| Carcass | : 1.5 mm monobloc and painted |
| CHP Carriers | : 1.5 mm painted |

| | |
|-------------------------------|------------------------------|
| Foot Base (Right-Left) | : 1.5 mm painted (RAL 7035) |
| Internal Assembly Plinths | : 1.5 mm unpainted galvanize |
| Foot Base (Front-Back Closer) | : 1.2 mm painted (RAL 7035) |
| CHP | : 0.9 mm painted |
| Front Cover | : 1.5 mm painted |
| External Caps | : 1.5 mm painted |

Specifications and Intended Purpose

- Monobloc body structure providing IP65 protection
- Front covers locking system can be locked at 3 points with armed lock system
- Caps are with polyurethane seal. Mounted with guide screw at top
- 2 pieces of raising eyebolt is screwed at right and left center
- Plinths are assembled and dissembled with two screw at right-left, front-back sides
- Front doors, 20x20 mm profile, 4 pieces of zamak edge joint
- Mounted with bottom plinth

Area of Use

- In external areas
- Indoor, in moist and wet areas
- In flammable and explosives medias

Options of Use

- Longitudinal assembly plate
- Partitioned assembly plate
- With internal contact hazard protection

| Width: 500 mm Depth: 335 mm | | | |
|-----------------------------|--------------|---------------------------------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) INCLUDING 100 mm PLINTH | ASSEMBLY PLATE |
| 1 | 2020.1111 | 1000 | 420x850 |
| 2 | 2020.1113 | 1200 | 420x1050 |
| 3 | 2020.1115 | 1400 | 420x1250 |
| 4 | 2020.1117 | 1600 | 420x1450 |

| Width: 600 mm Depth: 335 mm | | | |
|-----------------------------|--------------|---------------------------------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) INCLUDING 100 mm PLINTH | ASSEMBLY PLATE |
| 1 | 2020.1121 | 1000 | 520x850 |
| 2 | 2020.1123 | 1200 | 520x1050 |
| 3 | 2020.1125 | 1400 | 520x1250 |
| 4 | 2020.1127 | 1600 | 520x1450 |

| Width: 700 mm Depth: 335 mm | | | |
|-----------------------------|--------------|---------------------------------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) INCLUDING 100 mm PLINTH | ASSEMBLY PLATE |
| 1 | 2020.1131 | 1000 | 620x850 |
| 2 | 2020.1133 | 1200 | 620x1050 |
| 3 | 2020.1135 | 1400 | 620x1250 |
| 4 | 2020.1137 | 1600 | 620x1450 |

| Width: 800 mm Depth: 335 mm | | | |
|-----------------------------|--------------|---------------------------------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) INCLUDING 100 mm PLINTH | ASSEMBLY PLATE |
| 1 | 2020.1141 | 1000 | 720x850 |
| 2 | 2020.1143 | 1200 | 720x1050 |
| 3 | 2020.1145 | 1400 | 720x1250 |
| 4 | 2020.1147 | 1600 | 720x1450 |

*Coverless enclosure model with fixed back.
The internal parts of enclosures (i.e., assembly plate and Contact hazard protections) comply with internal parts of Wall type enclosures.
Page*



Plinth height: 50 mm



Plinth height: 100mm



3400.1255



3400.1273



4000.3433 4000.3431

3400.1327



4000.3427 / 4000.3213

4000.3423



4000.3167

4000.2127



4000.3221

2210.0002



4000.3267 / 4000.3187

2220.3451



4000.2145 / 4000.3111



4000.2345

3400.1691



4000.2343 4000.2183

Special Different Products

- Dipping galvanized enclosures



169

- Stainless enclosures



170

- Middle Voltage Cell enclosures



172

- Compensation Enclosures with Cassette



174

Dipping Galvanized Enclosures

Dimensions and Models

| | |
|------------------------|----------------------------|
| Sheet | : Dipping galvanized sheet |
| Front Cover | : 2.5 mm dipping galvanize |
| Body | : 1.5 mm Monobloc |
| Assembly Plate | : 2.0 mm galvanize |
| Foot Base (Right-Left) | : 2.5 mm painted |
| CHP Carriers | : 1.2 mm galvanize |

| | |
|---------------------------|------------------------------|
| Lateral Connection | : 1.5 mm unpainted galvanize |
| Internal Assembly Plinths | : 1.2 mm galvanize |
| Side Carriers | : 1.5 mm unpainted galvanize |
| CHP | : 1.2 mm galvanize |
| Bottom-Top Plates | : 2.5 mm dipping galvanize |
| External Caps | : 2.5 mm dipping galvanize |

Specifications and Intended Purpose

- Monobloc body structure providing IP55-65 protection
- Front covers locking system can be locked at 3 points with armed lock system
- 2 pieces of raising eyebolt is screwed at right and left center
- Plinths, one single part
- Front doors, above 100 mm size, 20x20 mm profile, 4 pieces of zamak edge joint
- Front doors, below 100 mm, (Z) reinforcement

Area of Use

- In external areas
- Indoor, in moist and wet areas
- In flammable and explosives medias

Options of Use

- Longitudinal assembly plate
- Partitioned assembly plate
- With internal contact hazard protection (with contact hazard protection)

These products are produced at request

The parts with Dipping Galvanized should be minimum of size 2.5 mm.



3400.1255



3400.1273



4000.3433 4000.3431

3400.1327



4000.3427 / 4000.3213

4000.2127



4000.3221

2210.0002



4000.3267 / 4000.3187

2220.3451



4000.2145 / 4000.3111



4000.2345

3400.1691



4000.2343 4000.2183

304-316 Stainless Enclosures

Raw Material and Materials

Sheet : 304-316 Stainless Internal Assembly
 Plinths : 304-316 stainless or galvanize at request
 Paint : Unpainted (painted at request)
 Seal : Polyurethane (cast)
 Body : Modular or Monobloc (Painted-unpainted)
 Assembly Flanges : Optional
 Front Covers : Painted-unpainted options

Screws : 304 stainless
 Assembly Plate : Galvanize or stainless at request
 Locks : 304 stainless
 Switch : Zamak

Area of Use

- In external areas
- Indoor, in moist and wet areas
- In flammable and explosives environments
- In hygienic environments

Options of Use

- With assembly plate
- Coated sheet
- External cap

All the products in the catalog can be produced stainless upon request

3400.1551 3400.1553



3400.1291 3400.1293



3400.1271 3400.1559



3400.1565 RIGHT 3400.1567 LEFT



3400.1505 LEFT 3400.1507 RIGHT



3400.1501 LEFT 3400.1503 RIGHT



3400.1563 3400.1555





MODÜLER3

Middle Voltage Cell Enclosure Models

- These products are produced at Modular 3 standard.
- Designed upon need.



GENERAL VIEW

INTERNAL VIEW



FRONT VIEW



MODÜLER3

Middle Voltage Cell Enclosure Models



MODULAR² AND MODÜLER³ Compensation Enclosures With Cassette

- These products are produced at Modular 3 standard.
- Designed upon need.
- Composed of cassettes designed specific for internal modular.



MODULAR² AND MODÜLER³
Compensation Enclosures With Cassette



Control Enclosures

- Wheelhouse enclosure



178

- Machinery operator control enclosure



180

- System automation enclosures



182

- Computer server enclosures



184

- Remote system control enclosures (with back protrusion)








186

- Remote system control enclosures



188

| | | |
|----------------------------------|--------------------------------------------------------------------------------------|-----|
| • Piano type control desks |  | 190 |
| • Footed support-arm enclosures |  | 192 |
| • Operator enclosures |  | 194 |
| • Control enclosure support arms |  | 196 |
| • Operator enclosure arm systems |  | 198 |

Wheelhouse Enclosures



These products are produced with different models upon request.



Machinery Operator Control Enclosures

1



2



3



4



5



6



These products are produced with different models upon request

7



8



9



10



11



12



System Automation Enclosures



System Automation Enclosures

System Automation Enclosures are prepared upon request. They can be produced with assembly plates, single or double door, glass, back-interfered or just front-interfered.



3400.1337



Patch enclosure



Patch enclosure



Computer Server Enclosures

2220.3451



4000.2145 4000.3111



4000.2345 2210.0103

3400.1327



4000.3427 / 4000.3213

3400.1255



3400.1273



4000.3433 4000.3431

3100.1121



3400.1239



3400.1605



x4 Ad

4000.3267 / 4000.3187

3400.1607



x4 Ad

4000.3267 / 4000.3187

3400.1633



4000.2264

4000.2183

Raw Material and Materials

| | |
|--------------------|------------------------------|
| Sheet | : Galvanized sheet |
| Lateral Connection | : 1.5 mm unpainted galvanize |
| Paint | : RAL 7035 Epoxy Polyester |
| Front Cover | : 1.5 mm painted |
| Carcass | : 2.0 mm painted |
| Side Covers | : 1.2 mm painted |
| Joint | : 1.5 mm unpainted galvanize |

| | |
|-------------------------------|-------------------------------|
| Back-Front Door | : 1.5 mm painted |
| Foot Base (Right-Left) | : 2.0 mm painted (RAL 7035) |
| Bottom Closers | : 1.2 mm unpainted galvanize |
| Foot Base (Front-Back Closer) | : 1.5 mm painted (RAL 7035) |
| Glass Cover | : 4.0 mm tempered fume glass |
| Foot Base (Wheeled) | : 50 mm painted + 75 mm wheel |

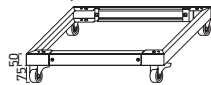
Specifications and Intended Purpose

- Front-back covers are with polyurethane seal in IP40 enclosures
- Bottom-top covers are with arm and sliding lock, keyboard cover is with ratchet lock
- Top cover is with ventilation fan unit
- Bottom closers can be with brush-EPDM seal or brush at request
- 4 pieces of raising eyebolt
- Wheeled plinths or with 100 mm foot
- Right and left plinths fit for tearing up for cable entry
- Front doors, 20x20 mm profile, 4 pieces of zamak edge joint
- Glass holding cast (solid) Fermadur glue at front doors with glass
- Keyboard tray is with telescopic spring
- With UPS and server tray
- With assembly plate option

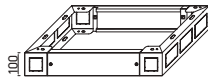
Area of Use

- In dry indoor areas

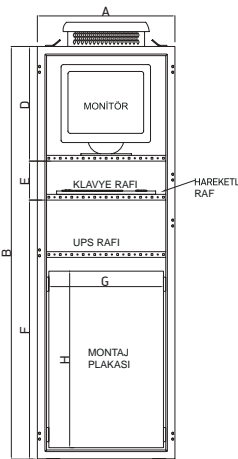
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | | | | | ASSEMBLY PLATE SIZES | |
|---------|--------------|---------------------|------|-----|-----|-----|----------------------|-----|
| | | A | B | C | D | E | F | G |
| 1 | 2050.0011 | 600 | 1800 | 600 | 500 | 170 | 1130 | 800 |
| 2 | 2050.0013 | 600 | 1800 | 800 | 500 | 170 | 1130 | 800 |
| 3 | 2050.0015 | 800 | 1800 | 600 | 500 | 170 | 1130 | 800 |
| 4 | 2050.0017 | 800 | 1800 | 800 | 500 | 170 | 1130 | 800 |



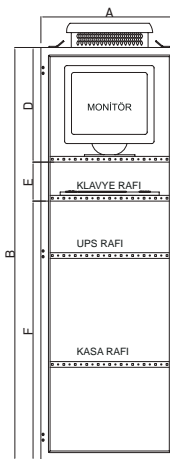
WHEELED FOOT (PLINTH) OPTION



FIXED FOOT (PLINTH) OPTION



MONTAJ PLAKALI SEÇENEK



RAFLI KASA BÖLÜMÜ SEÇENEĞİ



Computer Server Enclosures

Raw Material and Materials

| | |
|------------------------|------------------------------|
| Sheet | : Galvanized sheet |
| Lateral Connection | : 1.5 mm unpainted galvanize |
| Paint | : RAL 7035 Epoxy Polyester |
| Front Cover | : 1.5 mm painted |
| Carcass | : 1.5 mm Monobloc painted |
| Back-Front Door | : 1.5 mm painted |
| Foot Base (Right-Left) | : 2.0 mm painted (RAL 7035) |

| | |
|-------------------------------|------------------------------------------|
| Bottom Closers | : 1.2 mm unpainted galvanize |
| Foot Base (Front-Back Closer) | : 1.5 mm painted (RAL 7035) |
| Glass Cover | : 4.0 mm tempered fume transparent glass |
| Foot Base (Wheeled) | : 50 mm painted + 75 mm wheel |

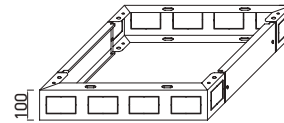
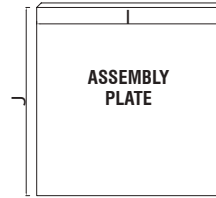
Specifications and Intended Purpose

- Front-back covers are with polyurethane seal
- Bottom-top covers are with arm and sliding lock
- Keyboard place is with screw, fixed
- Bottom closers can be with brush-EPDM seal or brush at request
- Wheeled or non-wheeled plinths, with 50 mm foot

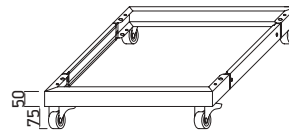
Area of Use

- In dry indoor areas

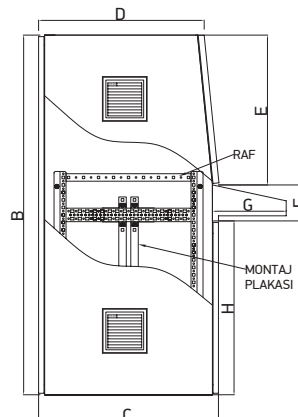
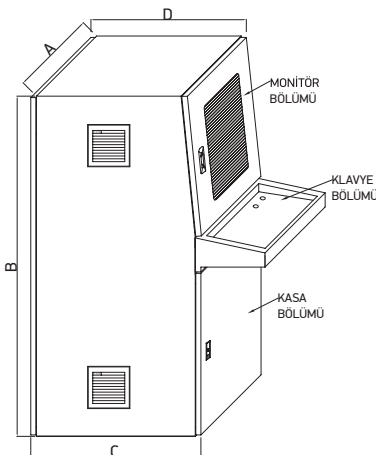
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | | | | | | | | | | ASSEMBLY PLATE SIZES | |
|---------|--------------|---------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|--|
| | | A | B | C | D | E | F | G | H | I | J | | |
| 1 | 2050.0031 | 600 | 1200 | 600 | 550 | 500 | 120 | 246 | 580 | 525 | 540 | | |
| 2 | 2050.0033 | 600 | 1200 | 800 | 750 | 500 | 120 | 246 | 580 | 525 | 540 | | |
| 3 | 2050.0035 | 800 | 1200 | 600 | 550 | 500 | 120 | 246 | 580 | 525 | 540 | | |
| 4 | 2050.0037 | 800 | 1200 | 800 | 750 | 500 | 120 | 246 | 580 | 525 | 540 | | |



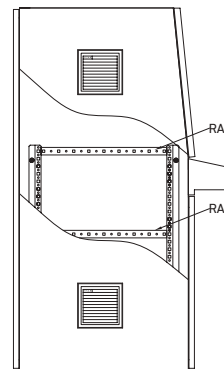
Fixed foot (plinth) option



Wheel foot (plinth) option



Assembly plate option



Tray chassis section option

2220.3451



4000.2145 4000.3111



4000.2345 2210.0103

3400.1327



4000.3427 / 4000.3213

3400.1269



3400.1273



KİLİT LAMA SÜRĞÜ (SET)



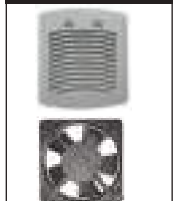
4000.3433 4000.3431

3400.1213



3400.1291

3100.1093



3100.1101

Remote System Control Enclosure

(With Back Protrusion)

Raw Material and Materials

| | |
|----------------|------------------------------|
| Sheet | : Galvanized sheet |
| Doors | : 1.5 mm painted |
| Paint | : RAL 7035 Epoxy Polyester |
| Assembly Plate | : 1.5 mm unpainted galvanize |
| Body | : 1.5 mm painted |

| | |
|----------------------------|------------------------------|
| Bottom Closers | : 1.2 mm unpainted galvanize |
| Plinth (Right-Left) | : 2.0 mm painted (RAL 7035) |
| Internal Assembly Plinths | : 1.5 mm unpainted galvanize |
| Plinth (Front-Back Closer) | : 1.5 mm painted (RAL 7035) |

Specifications and Intended Purpose

- For general purpose, machine control
- With back protrusion and long front for larger control Desk
- Front door can be locked at 2 points with notch switch system
- Back cover is two pieces, with notch switch locking at one point
- Back door with hidden hinge
- Front doors with hidden hinge
- Plinths are assembled and disassembled with two screw at right-left whole, front back
- Right and left truss for keeping the door open at desk side
- Pan rack on the door at desk side
- Two assembly plates facing back and front
- Two ventilation shutters at right and left sides
- Ventilation fan at one side
- Pan rack place

Area of Use

- In dry indoor areas

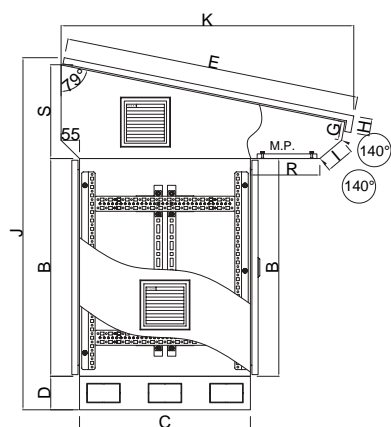
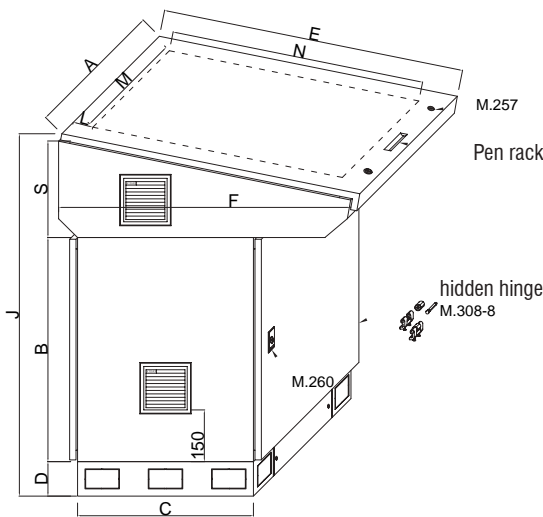


Remote System Control Enclosure (With Back Protrusion)

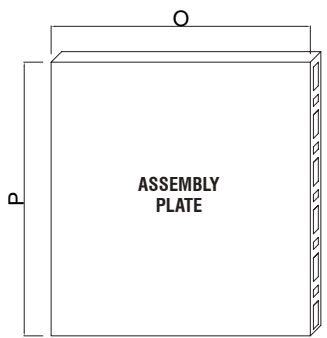
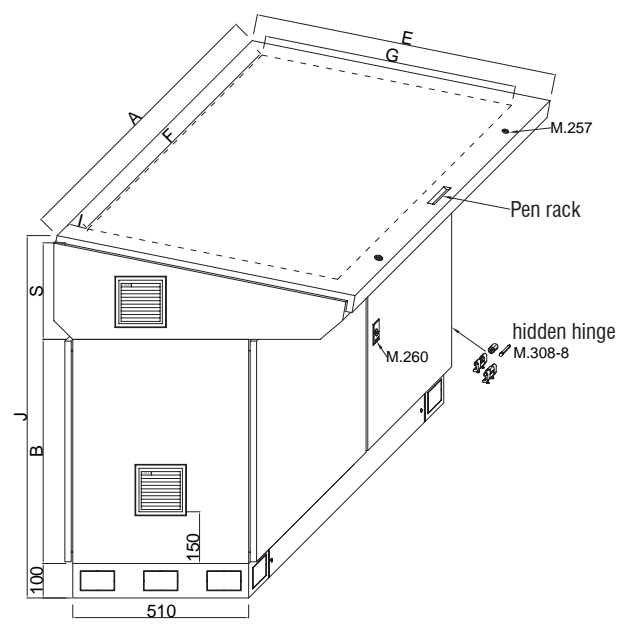
| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | | | | | | COVER TYPE | USE DIMENSIONS OF CONTROL COVER (mm) | | | ASSEMBLY PLATE SIZES | | | |
|---------|--------------|----------------------|-----|-----|-----|-----|-----|-----|----|----|----|------|------------|--------------------------------------|----|------|----------------------|------|-----|--|
| | | A | B | S | C | D | E | F | G | H | I | J | | K | L | M | N | O | P | |
| 1 | 2156.1011 | 450 | | | | | | | | | | | | | | 340 | | 375 | | |
| 2 | 2156.1013 | 500 | | | | | | | | | | | | | | 390 | | 425 | | |
| 3 | 2156.1015 | 600 | | | | | | | | | | | | | | 490 | | 525 | | |
| 4 | 2156.1017 | 700 | | | | | | | | | | | | | | 590 | | 625 | | |
| 5 | 2156.1019 | 800 | 650 | 280 | 510 | 100 | 881 | 847 | 55 | 50 | 85 | 1051 | 873 | SINGLE DOOR | 65 | 690 | 750 | 725 | 580 | |
| 6 | 2156.1021 | 900 | | | | | | | | | | | | SINGLE DOOR | | 790 | | 825 | | |
| 7 | 2156.1023 | 1000 | | | | | | | | | | | | DOUBLE DOOR | | 890 | | 925 | | |
| 8 | 2156.1025 | 1100 | | | | | | | | | | | | DOUBLE DOOR | | 990 | | 1025 | | |
| 9 | 2156.1027 | 1200 | | | | | | | | | | | | DOUBLE DOOR | | 1090 | | 1125 | | |



SINGLE DOOR VIEW



DOUBLE DOOR VIEW



Remote System Control Enclosure

Raw Material and Materials

| | |
|----------------|------------------------------|
| Sheet | : Galvanized sheet |
| Doors | : 1.5 mm painted |
| Paint | : RAL 7035 Epoxy Polyester |
| Assembly Plate | : 1.5 mm unpainted galvanize |
| Body | : 1.5 mm painted Bottom |

| | |
|----------------------------|------------------------------|
| Closers | : 1.2 mm unpainted galvanize |
| Plinth (Right-Left) | : 2.0 mm painted (RAL 7035) |
| Internal Assembly Plinths | : 1.5 mm unpainted galvanize |
| Plinth (Front-Back Closer) | : 1.5 mm painted (RAL 7035) |

Specifications and Intended Purpose

- For general purpose, machine control
- Front door can be locked at 2 points with notch switch system
- Back cover is two pieces, with notch switch locking at one point
- Back door with external backflap hinge
- Front doors with hidden hinge
- Plinths are assembled and disassembled with two screw at right-left whole, front back
- Right and left truss for keeping the door open at desk side
- Pan rack on the door at desk side
- Two assembly plates facing back and front
- Two ventilation shutters at right and left sides
- Ventilation fan at one side

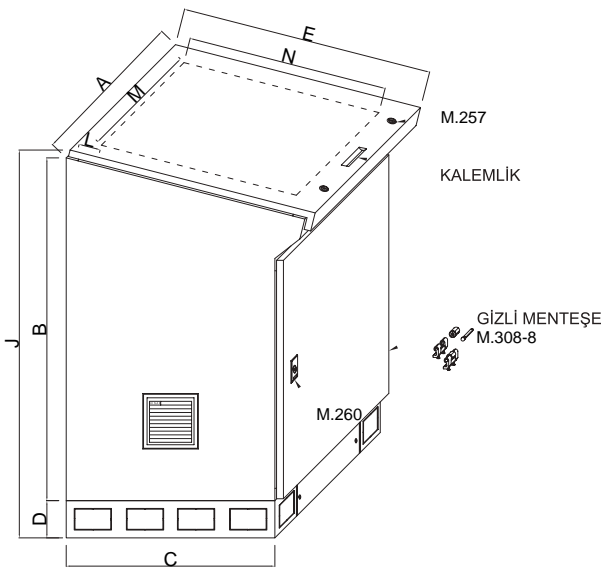
Area of Use

- In dry indoor areas

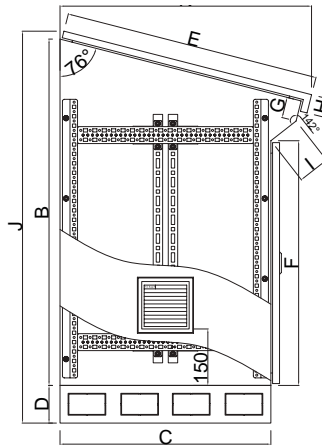


| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | | | | | COVER TYPE | USE DIMENSIONS OF CONTROL COVER (mm) | | | ASSEMBLY PLATE SIZES | | | |
|---------|--------------|----------------------|-----|-----|-----|-----|-----|----|----|----|------|------------|--------------------------------------|----|------|----------------------|---|------|-----|
| | | A | B | C | D | E | F | G | H | I | J | | K | L | M | N | O | P | |
| 1 | 2150.1011 | 450 | | 460 | | 582 | | | | | | 582 | SINGLE DOOR | | 340 | | | 375 | |
| 2 | 2150.1013 | 500 | | | | | | | | | | | SINGLE DOOR | | 390 | | | 425 | |
| 3 | 2150.1015 | 600 | | | | | | | | | | | SINGLE DOOR | | 490 | | | 525 | |
| 4 | 2150.1017 | 700 | | | | | | | | | | | SINGLE DOOR | | 590 | | | 625 | |
| 5 | 2150.1019 | 800 | | | | | | | | | | | SINGLE DOOR | 65 | 690 | 750 | | 725 | 580 |
| 6 | 2150.1021 | 900 | 920 | 560 | 100 | 679 | 650 | 55 | 50 | 85 | 1041 | 668 | DOUBLE DOOR | | 790 | | | 825 | |
| 7 | 2150.1023 | 1000 | | | | | | | | | | | DOUBLE DOOR | | 890 | | | 925 | |
| 8 | 2150.1025 | 1100 | | | | | | | | | | | DOUBLE DOOR | | 990 | | | 1025 | |
| 9 | 2150.1027 | 1200 | | | | | | | | | | | DOUBLE DOOR | | 1090 | | | 1125 | |

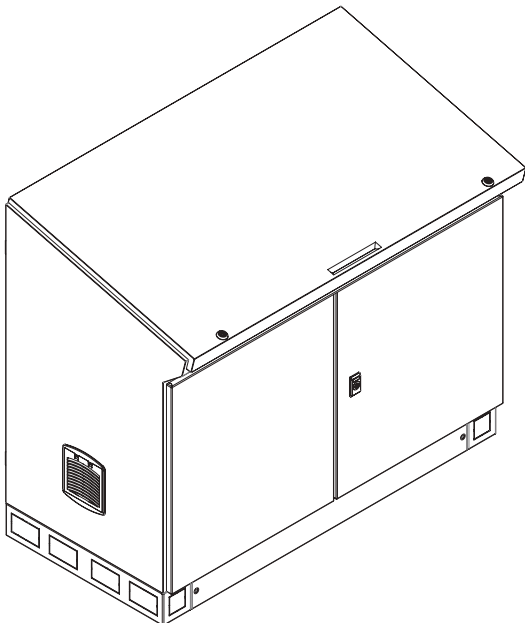
SINGLE DOOR VIEW



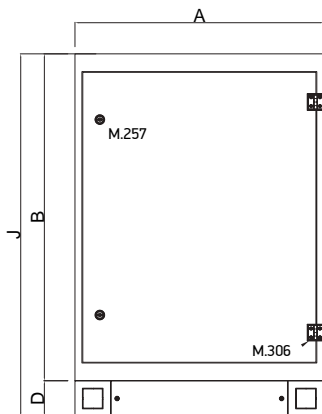
SIDE VIEW



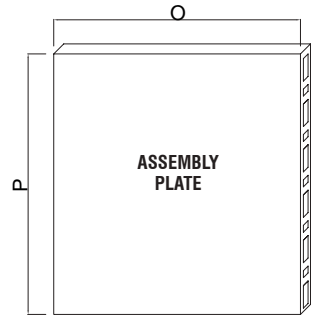
DOUBLE DOOR VIEW



BACK VIEW



ASSEMBLY PLATE



3400.1311



3400.1269



3400.1273



KİLİT LAMA SÜRĞÜ (SET)



4000.3433 4000.3431

3400.1241



3400.1291

3400.1441



4000.3273 4000.3401

2210.0091



4000.3407

LEFT 3400.1503



RIGHT 3400.1401



4000.2343 4000.2183

3100.1093



3100.1101

3400.1691



4000.2343 4000.2183

Piano Type Control Desks

Raw Material and Materials

| | |
|----------------|------------------------------|
| Sheet | : Galvanized sheet |
| Doors | : 1.5 mm painted |
| Paint | : RAL 7035 Epoxy Polyester |
| Assembly Plate | : 1.5 mm unpainted galvanize |
| Body | : 1.5 mm painted |

| | |
|-----------------------------|------------------------------|
| Bottom Closers | : 1.2 mm unpainted galvanize |
| Plinth (Right-Left) | : 2.0 mm painted Internal |
| Assembly Plinths | : 1.5 mm unpainted galvanize |
| Plinth (Front-Back Closer): | : 1.5 mm painted |

Specifications and Intended Purpose

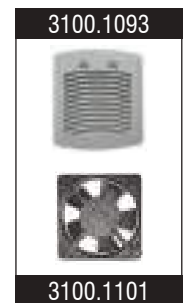
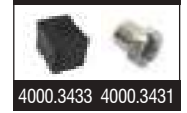
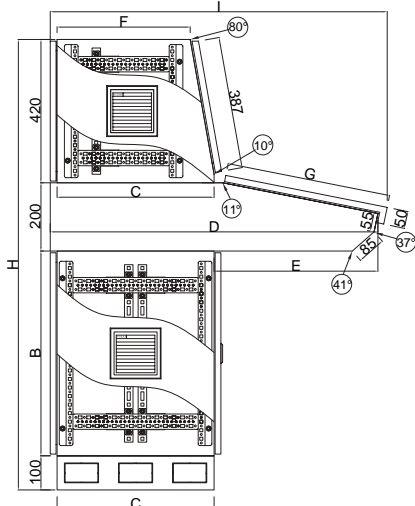
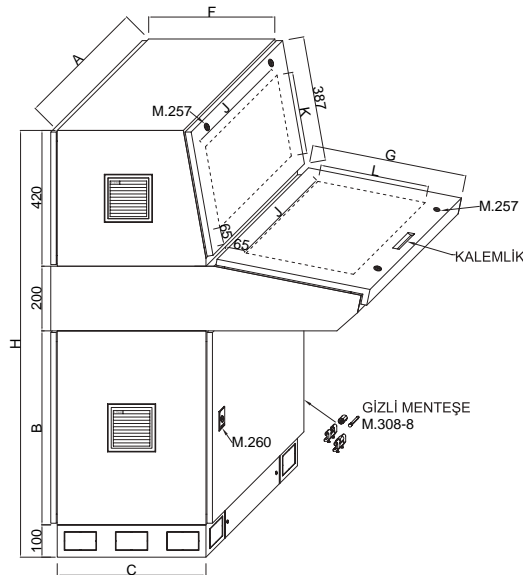
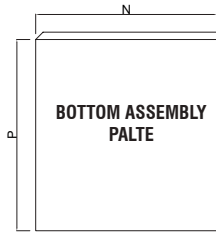
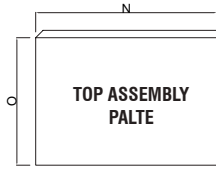
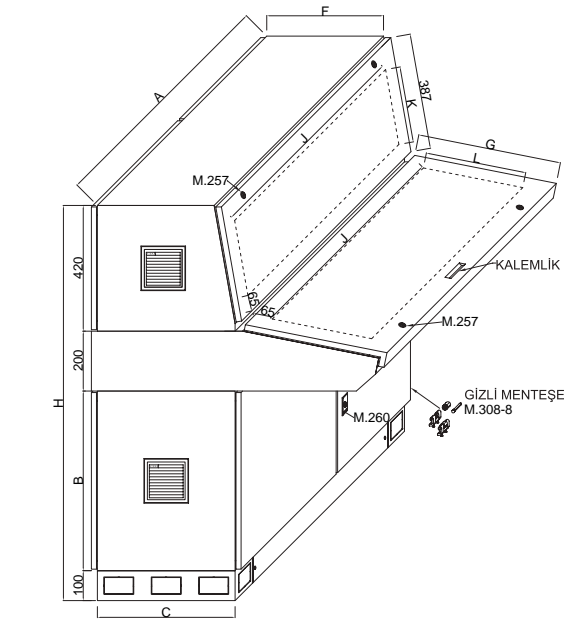
- For general purpose, machine control
- Front door can be locked at 3 points with notch switch system
- All doors are with hidden hinge
- Plinths are assembled and disassembled with two screw at right-left whole, front back
- Truss preventing the falling down of top front door
- Truss at right and left sides for keeping the desk side door open
- Pan rack on the desk side door
- Two assembly plates facing back and front sides
- Two ventilation shutters at right and left sides
- Totally 4 shutters and 2 ventilation fans at top section

Area of Use

- In dry indoor areas



| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | | | | COVER TYPE | USE DIMENSIONS OF TOP and CONTROL COVER | | | TOP ASSEMBLY PALTE SIZES | | BOTTOM ASSEMBLY PLATE SIZES | |
|---------|--------------|----------------------|-----|-----|-----|-----|-----|-----|------|-----|-------------|-----------------------------------------|-----|-----|--------------------------|-----|-----------------------------|-----|
| | | A | B | C | D | E | F | G | H | I | | J | K | L | N | O | N | P |
| 1 | 2100.1011 | 450 | | | | | | | | | SINGLE DOOR | 340 | | 305 | 375 | | 375 | 420 |
| 2 | 2100.1013 | 500 | 460 | 410 | 860 | 430 | 340 | 432 | 1220 | 887 | SINGLE DOOR | 390 | | | 425 | | 425 | |
| 3 | 2100.1015 | 600 | | | | | | | | | SINGLE DOOR | 490 | | | 525 | | 525 | |
| 4 | 2100.1017 | 700 | | | | | | | | | SINGLE DOOR | 590 | | | 625 | | 625 | |
| 5 | 2100.1019 | 800 | | | | | | | | | SINGLE DOOR | 690 | 668 | | 725 | 360 | 725 | |
| 6 | 2100.1021 | 900 | 560 | 460 | 960 | 480 | 390 | 482 | 1320 | 987 | DOUBLE DOOR | 790 | | 355 | 825 | | 825 | 520 |
| 7 | 2100.1023 | 1000 | | | | | | | | | DOUBLE DOOR | 890 | | | 925 | | 925 | |
| 8 | 2100.1025 | 1100 | | | | | | | | | DOUBLE DOOR | 990 | | | 1025 | | 1025 | |
| 9 | 2100.1027 | 1200 | | | | | | | | | DOUBLE DOOR | 1090 | | | 1125 | | 1125 | |



Footed, Support Armed Enclosures

Raw Material and Materials

| | | | |
|--------------------|----------------------------------|-----------------|----------------------------|
| Sheet | : Galvanize | Foot | : 2.0 mm painted |
| Pipe and Enclosure | : 1.5 mm painted | Carrying Handle | : Bakelite |
| Paint | : Various colors Epoxy Polyester | Foot | : Wheeled or fixed options |

Specifications and Intended Purpose

- For general purpose, machine control
- Desk side cover is mounted with 4 screws

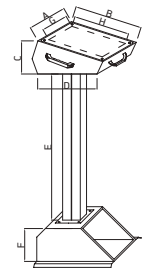
Area of Use

- In dry indoor areas

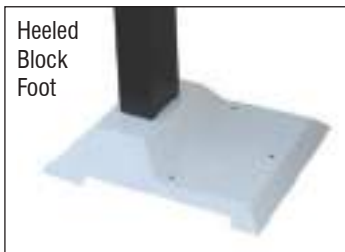
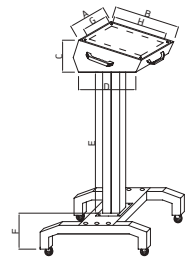
*Below mentioned codes are available in the inventory
Production can be made close to the samples with different sizes upon demand
(Can be fixed to the ground as) wheeled or non-wheeled
Can be painted with any desired color*



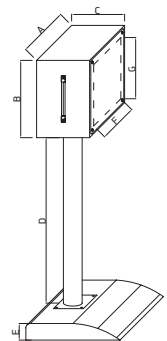
| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | USE DIMENSIONS OF COVER (mm) | |
|---------|--------------|----------------------|-----|-----|-----|-----|-----|------------------------------|-----|
| | | A | B | C | D | E | F | G | H |
| 1 | 2050.1041 | 350 | 308 | 150 | 270 | 700 | 150 | 300 | 260 |
| 2 | 2050.1043 | 450 | 400 | 180 | 345 | 700 | 150 | 400 | 260 |



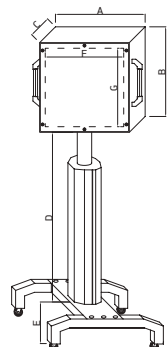
| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | USE DIMENSIONS OF COVER (mm) | |
|---------|--------------|----------------------|-----|-----|-----|-----|----|------------------------------|-----|
| | | A | B | C | D | E | F | G | H |
| 1 | 2050.1051 | 350 | 308 | 150 | 270 | 700 | 85 | 300 | 260 |
| 2 | 2050.1053 | 450 | 400 | 180 | 345 | 700 | 85 | 400 | 260 |



| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | USE DIMENSIONS OF COVER (mm) |
|---------|--------------|----------------------|-----|-----|-----|----|-----|------------------------------|
| | | A | B | C | D | E | F | G |
| 1 | 2050.1061 | 300 | 300 | 180 | 700 | 85 | 250 | 250 |
| 2 | 2050.1063 | 400 | 400 | 180 | 700 | 85 | 350 | 350 |
| 3 | 2050.1065 | 500 | 500 | 180 | 700 | 85 | 350 | 350 |



| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | USE DIMENSIONS OF COVER (mm) |
|---------|--------------|----------------------|-----|-----|-----|----|-----|------------------------------|
| | | A | B | C | D | E | F | G |
| 1 | 2050.1071 | 300 | 300 | 180 | 700 | 85 | 250 | 250 |
| 2 | 2050.1073 | 400 | 400 | 180 | 700 | 85 | 350 | 350 |
| 3 | 2050.1075 | 500 | 500 | 180 | 700 | 85 | 350 | 350 |



Footed, Support Armed Enclosures

2050.1041
Fixed Foot



2050.1061
Fixed Foot

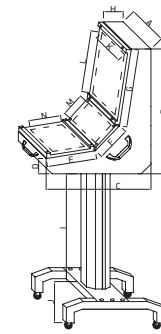


2050.1051
Wheeled



Wheeled

| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | | | | | USE DIMENSIONS OF COVER (mm) | | | |
|---------|--------------|----------------------|-----|-----|----|-----|-----|-----|----|----|-----|------------------------------|-----|-----|-----|
| | | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
| 1 | 2050.1081 | 480 | 650 | 535 | 80 | 255 | 180 | 100 | 70 | 85 | 420 | 420 | 340 | 119 | 192 |



2050.1081



Kiosk and Support Armed Enclosures

*Below mentioned products are manufactured specially.
Production can be made close to the samples with different sizes upon demand
Can be painted with any desired color*



Operator Desks

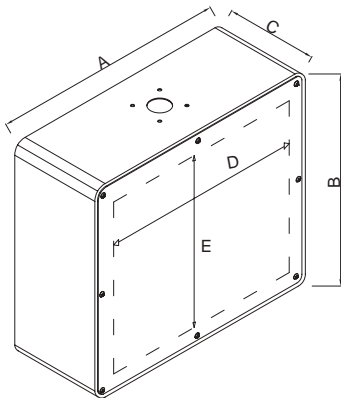
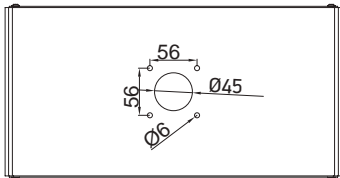
Raw Material and Materials

Pipe Material : Iron
 Pipe (Elbows and Joints) : RAL 7025 Epoxy Polyester
 Pipe Diameter : 60 mm painted
 Joint Rotation Angle : With 350o rotation

Pipe Material Thickness : 2.0 mm
 Joint Welding Type : Welded to the pipe
 Paint (Pipes) : RAL 7025 Epoxy Polyester

Specifications and Intended Purpose

- For general purpose, machine control
- Will be fixed to the machine
- Will be fixed to remote and piano enclosure
- Will be fixed to erect-type enclosure
- For monitor enclosure assembly
- For assembly of control buttons enclosure

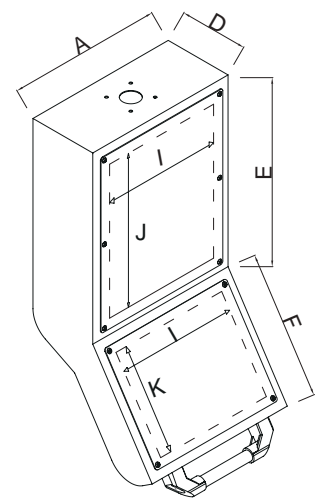
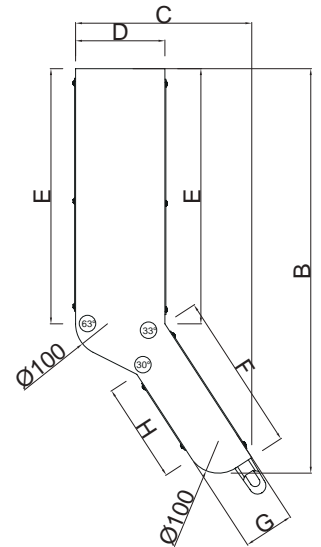
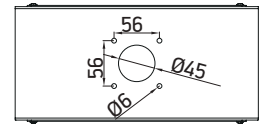


| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | USE DIMENSIONS OF DISPLAY COVER (mm) | |
|---------|--------------|----------------------|-----|-----|--------------------------------------|-----|
| | | A | B | C | D | E |
| 1 | 2052.1023 | 300 | 300 | 200 | 260 | 260 |
| 2 | 2052.1025 | 400 | 300 | 200 | 360 | 260 |
| 3 | 2052.1027 | 400 | 400 | 200 | 360 | 360 |
| 4 | 2052.1029 | 500 | 400 | 200 | 460 | 360 |
| 5 | 2052.1031 | 500 | 500 | 200 | 460 | 460 |

Operator Enclosure Parts

| LIST NO | PART CODE | REMARK | WEIGHT (kg) |
|---------|-----------|---------------------------------------------------------------|-------------|
| 1 | 2052.1041 | 60 mm PIPE JOINT SET Fixing Side | 2.613 |
| 2 | 2052.1043 | 60 mm PIPE JOINT SET Operator Enclosure Assembly Side (Small) | 2.010 |
| 3 | 2052.1045 | 60 mm PIPE JOINT SET Operator Enclosure Support Elbow | 0.466 |
| 4 | 2052.1047 | 60 mm PIPE JOINT SET Operator Enclosure Assembly Side (Small) | 3.660 gr/m |

Operator Desks



| LIST NO | PRODUCT CODE | ENCLOSURE SIZES (mm) | | | | | | | | USE DIMENSIONS OF DISPLAY and BUTTON COVER (mm) | | |
|---------|--------------|----------------------|-----|-----|-----|-----|-----|----|-----|-------------------------------------------------|-----|-----|
| | | A | B | C | D | E | F | G | H | I | J | K |
| 1 | 2052.1011 | 300 | | | | | | | | 240 | | |
| 2 | 2052.1013 | 400 | 635 | 276 | 140 | 400 | 250 | 80 | 157 | 340 | 340 | 190 |
| 3 | 2052.1015 | 500 | | | | | | | | 440 | | |
| 4 | 2052.1017 | 300 | | | | | | | | 240 | | |
| 5 | 2052.1019 | 400 | 626 | 303 | 140 | 350 | 300 | 80 | 207 | 340 | 290 | 240 |
| 6 | 2052.1021 | 500 | | | | | | | | 440 | | |



Control Enclosure Support Arms

Raw Material and Materials

Pipe Material : Iron
 Pipe (Elbows and Joints) : RAL 7025 Epoxy Polyester
 Pipe Diameter : 60 mm painted
 Joint Rotation Angle : With 350o rotation

Pipe Material Thickness : 2.0 mm
 Joint Welding Type : Welded to the pipe
 Paint (Pipes) : RAL 7025 Epoxy Polyester

Specifications and Intended Purpose

- For general purpose, machine control
- Will be fixed to the machine
- Will be fixed to remote and piano enclosure
- Will be fixed to erect-type enclosure
- For monitor enclosure assembly
- For assembly of control buttons enclosure



| LIST NO | PRODUCT CODE | ARM SIZES (mm) | | | | | | WEIGHT (kg) |
|---------|--------------|----------------|------|-----|-----|------|----|-------------|
| | | A | B | C | D | E | F | |
| 1 | 2050.1011 | | 1100 | | | 900 | | 9.947 |
| 2 | 2050.1013 | 250 | 1400 | 400 | 230 | 1200 | 75 | 11.045 |
| 3 | 2050.1015 | | 1700 | | | 1500 | | 12.143 |
| 4 | 2050.1017 | | 2000 | | | 1800 | | 13.241 |

Operator Enclosure Assembly Location



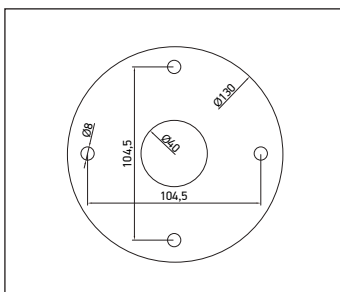
| LIST NO | PRODUCT CODE | ARM SIZES (mm) | | | | WEIGHT (kg) |
|---------|--------------|----------------|-----|-----|-----|-------------|
| | | B | C | D | E | |
| 1 | 2050.1021 | 400 | | | 230 | 6.736 |
| 2 | 2050.1023 | 600 | 400 | 230 | 430 | 7.468 |
| 3 | 2050.1025 | 800 | | | 630 | 8.200 |
| 4 | 2050.1027 | 1000 | | | 830 | 8.932 |

Fixing Location

Operator Enclosure Assembly Location

60 mm PIPE JOINT
 SET Fixing Side (Big)

2.613 gr
 2052.1047



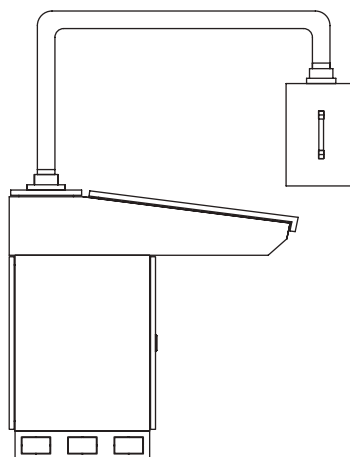
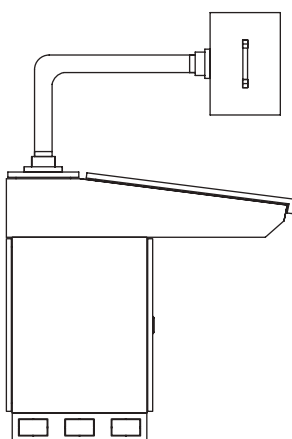
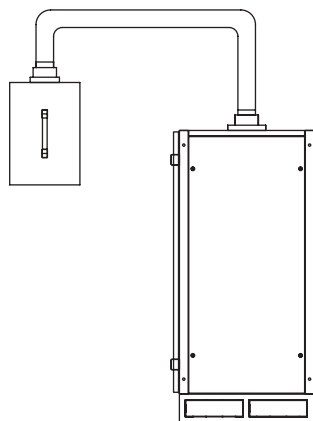
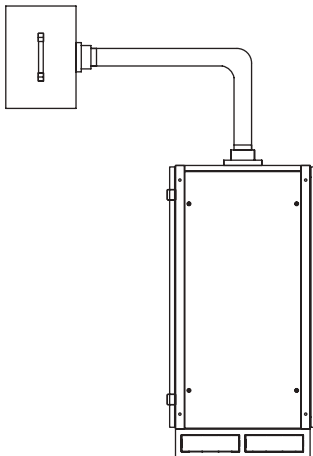
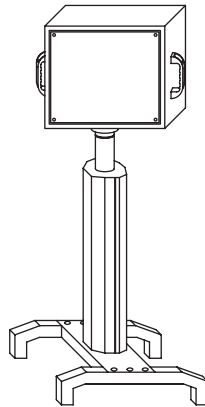
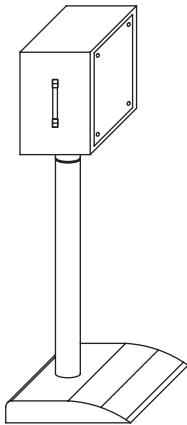
Fixing Location



| LIST NO | PRODUCT CODE | ARM SIZES (mm) | | | | WEIGHT (kg) |
|---------|--------------|----------------|-----|-----|------|-------------|
| | | B | C | D | E | |
| 1 | 2050.1031 | 1100 | | | 900 | 9.297 |
| 2 | 2050.1033 | 1400 | 400 | 230 | 1200 | 10.395 |
| 3 | 2050.1035 | 1700 | | | 1500 | 11.493 |
| 4 | 2050.1037 | 2000 | | | 1800 | 12.591 |

Operator Enclosure Assembly Location

Control Enclosure Support Arms Sample Operations



2052.1047



2.613 gr

2052.1045



2.010 gr

2052.1041



466 gr

2052.1043



3.660gr/m

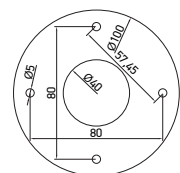
60 mm PIPE JOINT SET Operator Enclosure Assembly Side

(Small)


















2.010 gr

2052.1045



TK060 Operator Enclosure Arm Systems

| LIST NO | PART CODE | PRODUCT DETAIL | MOBILE/ INCLINED | FIXED | LENGTH (mm) | WEIGHT (kg) | COLOR | PACK. | PICTURE |
|---------|-----------|--------------------------------------------------------------------------------|---------------------|-------|----------------|----------------|--------------|-------|---------------------------------------------------------------------------------------|
| 1 | 2054.1051 | 060 Support Profile 250 mm | 0 | 0 | 250 | 0,950 | 7035 | 1 |  |
| 2 | 2054.1053 | 060 Support Profile 500 mm | 0 | 0 | 500 | 1,900 | 7035 | 1 |  |
| 3 | 2054.1055 | 060 Support Profile 750 mm | 0 | 0 | 750 | 2,820 | 7035 | 1 |  |
| 4 | 2054.1057 | 060 Support Profile 1000 mm | 0 | 0 | 1000 | 3,770 | 7035 | 1 |  |
| 5 | 2054.1059 | 060 Support Profile 1250 mm | 0 | 0 | 1250 | 4,720 | 7035 | 1 |  |
| 6 | 2054.1061 | 060 Support Profile 1500 mm | 0 | 0 | 1500 | 5,670 | 7035 | 1 |  |
| 7 | 2054.1063 | 060 Support Profile 1750 mm | 0 | 0 | 1750 | 6,620 | 7035 | 1 |  |
| 8 | 2054.1065 | 060 Support Profile 2000 mm | 0 | 0 | 2000 | 7,570 | 7035 | 1 |  |
| 9 | 2054.1067 | Ø130 mm 3100 Enclosure VERTI- CAL INLET MODULE | 1 | 0 | 0 | 1,260 | 7035 | 1 |  |
| 10 | 2054.1069 | Ø130 mm 3100 TK2000 Enclosure VERTICAL INLET MODULE Ø130 mm 3100 TKP | 1 | 0 | 0 | 1,480 | 7035 | 1 |  |
| 11 | 2054.1071 | Ø130 mm 3100 Enclosure EDGE INLET MODULE | 1 | 0 | 0 | 1,700 | 7035 7016 | 1 |  |
| 12 | 2054.1073 | Ø130 mm 3100 TK2000 Enclosure EDGE INLET MODULE Ø130 mm 3100 TK | 1 | 0 | 0 | 1,920 | 7035 7016 | 1 |  |
| 13 | 2054.1075 | EDGE ROTATION MODULE (FIXED) | 0 | 1 | 0 | 0,660 | 7035 7016 | 1 |  |
| 14 | 2054.1077 | 3100 INTERIM CONNECTION MODULE ± 1500 3150 INTERIM CONNECTION MODULE ± 1 | 1 | 0 | 0 | 2,075 | 7035 7016 | 1 |  |
| 15 | 2054.1079 | 3150 TOP ASSEMBLY MODULE EDGE OUTLET ± 1500 | 1 | 0 | 0 | 2,110 | 7035 7016 | 1 |  |

TK060 Operator Enclosure Arm Systems

| LIST NO | PART CODE | PRODUCT DETAIL | MOBILE/ INCLINED | FIXED | LENGTH (mm) | WEIGHT (kg) | COLOR | PACK | PACK |
|---------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------|----------------|----------------|--------------|------|------|
| 16 | 2054.1081 | 3150 TOP ASSEMBLY MODULE VERTICAL OUTLET ± 1500 | 1 | 0 | 0 | 1,770 | 7035 7016 | 1 | |
| 17 | 2054.1083 | 3150 WALL ASSEMBLY MODULE EDGE OUTLET ± 1500 | 1 | 0 | 0 | 2,460 | 7035 7016 | 1 | |
| 18 | 2054.1085 | 3150 WALL ASSEMBLY MODULE V | 1 | 0 | 0 | 2,220 | 7035 7016 | 1 | |
| 19 | 2054.1087 | WALL ASSEMBLY MODULE (FIXED) | 0 | 1 | 0 | 0,320 | 7035 7016 | 1 | |
| 20 | 2054.1089 | WARNING LAMP COVER | 0 | 1 | 0 | 0,150 | 7016 | 1 | |
| 21 | 2054.1091 | 3500 Enclosure VERTICAL INLET MODULE  118x65.5 mm | 1 | 0 | 0 | 0,735 | 7035 | 1 | |
| 22 | 2054.1093 | Enclosure INLET MODULE MOBILE  125x70 mm BELLOWS +300 /-40 | 0 | 1 | 0 | 0,460 | 7035 7016 | 1 | |
| 23 | 2054.1095 | 3100 Enclosure INLET MODULE BELLOWS ±400 | 1 | 0 | 0 | 0 | 7035 7016 | 1 | |
| 24 | 2054.1097 | 3100 TK2000 Enclosure INLET MODULE BELLOWS ±400 | 1 | 0 | 0 | 0 | 7035 7016 | 1 | |



Operator Arm and Enclosure Systems ECO 90 Series

ECO 9000.0100 Series

| LIST NO | PART CODE | INSERT LOCATION | | | BACK COVER | | ASSEMBLY DEPTH | | CARRIER ARM DIMENSION | |
|---------|-----------|-----------------|------------|------------|------------|-------|-----------------------------|---------------------|-----------------------|---------------|
| | | LENGTH (mm) | WIDHT (mm) | DEPTH (mm) | HINGE | SCREW | H PROFILE ASSEMBLY PLATFORM | ASSEMBLY DEPTH (mm) | 130 mm Ø | 118 x 65.5 mm |
| 1 | 2054.2011 | 300 | 300 | 90 | Evet | - | Evet | 67 | - | Evet |
| 2 | 2054.2013 | 300 | 300 | 90 | - | Evet | - | 90 | - | Evet |
| 3 | 2054.2015 | 300 | 400 | 90 | Evet | - | Evet | 67 | - | Evet |
| 4 | 2054.2017 | 300 | 400 | 90 | - | Evet | - | 90 | - | Evet |
| 5 | 2054.2019 | 400 | 400 | 90 | Evet | - | Evet | 67 | - | Evet |
| 6 | 2054.2021 | 400 | 400 | 90 | - | Evet | - | 90 | - | Evet |
| 7 | 2054.2023 | 400 | 500 | 90 | Evet | - | Evet | 67 | - | Evet |
| 8 | 2054.2025 | 400 | 500 | 90 | - | Evet | - | 90 | - | Evet |
| 9 | 2054.2027 | 500 | 500 | 90 | Evet | - | Evet | 67 | - | Evet |
| 10 | 2054.2029 | 500 | 500 | 90 | - | Evet | - | 90 | - | Evet |
| 11 | 2054.2031 | 500 | 600 | 90 | Evet | - | Evet | 67 | - | Evet |
| 12 | 2054.2033 | 500 | 600 | 90 | - | Evet | - | 90 | - | Evet |
| 13 | 2054.2035 | 600 | 600 | 90 | Evet | - | Evet | 67 | - | Evet |
| 14 | 2054.2037 | 600 | 600 | 90 | - | Evet | - | 90 | - | Evet |



ECO 9000.0600 Series








| LIST NO | PART CODE | INSERT LOCATION | | | BACK COVER | | ASSEMBLY DEPTH | | KEYBOARD LOCATION | | | CARRIER ARM DIMENSION | |
|---------|-----------|-----------------|------------|------------|------------|-------|-----------------------------|---------------------|-------------------|------------|------------|-----------------------|---------------|
| | | LENGTH (mm) | WIDHT (mm) | DEPTH (mm) | HINGE | SCREW | H PROFILE ASSEMBLY PLATFORM | ASSEMBLY DEPTH (mm) | LENGTH (mm) | WIDTH (mm) | DEPTH (mm) | 130 mm Ø | 118 x 65.5 mm |
| 1 | 2054.2041 | 300 | 300 | 90 | Evet | - | Evet | 67 | 300 | 300 | 60 | - | Evet |
| 2 | 2054.2043 | 300 | 300 | 90 | - | Evet | - | 90 | 300 | 300 | 60 | - | Evet |
| 3 | 2054.2045 | 300 | 400 | 90 | Evet | - | Evet | 67 | 300 | 300 | 60 | - | Evet |
| 4 | 2054.2047 | 300 | 400 | 90 | - | Evet | - | 90 | 300 | 300 | 60 | - | Evet |
| 5 | 2054.2049 | 400 | 400 | 90 | Evet | - | Evet | 67 | 400 | 300 | 60 | - | Evet |
| 6 | 2054.2051 | 400 | 400 | 90 | - | Evet | - | 90 | 400 | 300 | 60 | - | Evet |
| 7 | 2054.2053 | 400 | 500 | 90 | Evet | - | Evet | 67 | 400 | 300 | 60 | - | Evet |
| 8 | 2054.2055 | 400 | 500 | 90 | - | Evet | - | 90 | 400 | 300 | 60 | - | Evet |
| 9 | 2054.2057 | 500 | 500 | 90 | Evet | - | Evet | 67 | 500 | 400 | 60 | - | Evet |
| 10 | 2054.2059 | 500 | 500 | 90 | - | Evet | - | 90 | 500 | 400 | 60 | - | Evet |
| 11 | 2054.2061 | 500 | 600 | 90 | Evet | - | Evet | 67 | 500 | 400 | 60 | - | Evet |
| 12 | 2054.2063 | 500 | 600 | 90 | - | Evet | - | 90 | 500 | 400 | 60 | - | Evet |
| 13 | 2054.2065 | 600 | 600 | 90 | Evet | - | Evet | 67 | 600 | 400 | 60 | - | Evet |
| 14 | 2054.2067 | 600 | 600 | 90 | - | Evet | - | 90 | 600 | 400 | 60 | - | Evet |





ASSEMBLY PLATE COMPACT ENCLOSURES

Intended use : Indoor, dry areas
 Protection class : IP65
 Carrier construction : 2mm galvanized sheet
 Paint : Epoxy polyester powder paint
 Color : RAL 7035
 Operation temperature : -5 0C, +40 0C
 Operational relative humidity : %90 at +20 0C; %50 at +40 0C
 Operation environment conditions class : IE32, but maximum relative humidity %90 and lowest temperature -5 0C
 Complying standards IEC62208, IEC60529, IEC62262

| | | |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----|
| • Assembly plate compact enclosures |  | 203 |
| • Assembly plate compact enclosures (Double-doors) |  | 204 |
| • Terminal boxes |  | 210 |
| • Glass cover enclosures with assembly plate |  | 212 |
| • Glass enclosures with assembly plate and internal Contact Hazard Protection |  | 213 |
| • Sliding enclosures with assembly plate |  | 214 |
| • Wall type single-purpose compensation enclosures |  | 215 |

Raw Material and Materials

Sheet : Galvanized sheet
 Hinge : Number of hidden aluminum hinges is defined at the top of lists
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.0 mm painted
 Lock : Number of locks with plastic handles is

defined at the top of lists
 Bottom-Top Plate : 1.2 mm painted
 Front Cover : 1.0 mm painted
 Seal : Polyurethane Cast
 Assembly Plate : 1.2 mm unpainted galvanize

Specifications and Intended Purpose

- Monobloc body structure ensuring IP40 protection level
- Seal can be casted on the bottom-top plate upon request. Its IP can be upgraded
- Top and bottom plates can be mounted with M6x10 guide screw.
- Cable entries-exits can be arranged with union, brush, Eva seal or flange
- Mounted with 4 pieces of mounting ear.
- Side, top and bottom fitting mounting ears

Area of Use

- Indoor, dry areas
- Mounted to the wall



| 1 Piece of Lock | | 2 Pieces with Hinge | |
|-----------------|--------------|--------------------------------|---------------------------|
| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
| 1 | 1100.2011 | 120x260x15 | 200x305x170 |
| 2 | 1100.2013 | 220x260x15 | 300x305x170 |
| 3 | 1100.2015 | 220x360x15 | 300x405x170 |
| 4 | 1100.2021 | 320x360x15 | 400x405x170 |
| 5 | 1100.2023 | 320x460x15 | 400x505x220 |
| 6 | 1100.2025 | 320x560x15 | 400x605x220 |



| 2 Piece of Lock | | 2 Pieces with Hinge | |
|-----------------|--------------|--------------------------------|---------------------------|
| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
| 1 | 1100.2031 | 420x460x15 | 500x505x220 |
| 2 | 1100.2033 | 420x560x15 | 500x605x220 |
| 3 | 1100.2035 | 420x660x15 | 500x705x220 |
| 4 | 1100.2041 | 520x560x15 | 600x605x220 |
| 5 | 1100.2043 | 520x660x15 | 600x705x220 |



| 2 Piece of Lock | | 2 Pieces with Hinge | |
|-----------------|--------------|--------------------------------|---------------------------|
| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
| 1 | 1100.2051 | 520x760x15 | 600x805x270 |
| 2 | 1100.2053 | 520x860x15 | 600x905x270 |
| 3 | 1100.2055 | 520x960x15 | 600x1005x270 |
| 4 | 1100.2057 | 620x660x15 | 700x705x270 |
| 5 | 1100.2059 | 620x760x15 | 700x805x270 |
| 6 | 1100.2061 | 620x860x15 | 700x905x270 |
| 7 | 1100.2063 | 620x960x15 | 700x1005x270 |



Compact Enclosures with Assembly Plate IP40

| | |
|-------------------------------------|------------------|
| <p>3400.1207</p> | <p>3400.1241</p> |
| <p>3400.1291</p> | <p>3400.1291</p> |
| <p>4000.3341</p> | <p>3400.1313</p> |
| <p>4000.3185</p> | <p>2210.0093</p> |
| <p>4000.3423</p> <p>M5x10 GUIDE</p> | <p>4000.2283</p> |
| <p>4000.2345</p> | <p>4000.3185</p> |



Compact Enclosures with Assembly Plate IP40

With Double Door



Raw Material and Materials

Sheet : Galvanized sheet
 Paint :RAL 7035 Epoxy Polyester
 Body : 1.0 mm painted
 Bottom-Top Plate : 1.2 mm painted
 Bottom-Top Cover : 1.0 mm painted
 Front Cover : 1.0 mm painted

Assembly Plate : 1.2 mm unpainted galvanize
 Hinge : 6 pieces of external corner hinge
 Lock : Right lap door is with arm slide lock
 Seal : Polyurethane cast

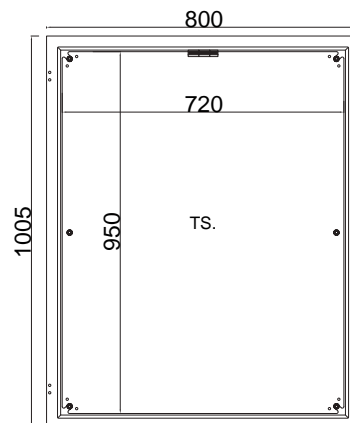
Specifications and Intended Purpose

- Lap double-door IP40
- Monobloc body structure ensuring IP40 protection level
- Seal can be casted on the bottom-top plate upon request. Its IP can be upgraded
- Top and bottom plates can be mounted with M6x10 guide screw.
- Cable entries-exits can be arranged with union, brush, Eva seal or flange
- Mounted with 4 pieces of mounting ear.
- Side, top and bottom fitting mounting ears

Area of Use

- Indoor, dry areas
- Mounted to the wall

| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
|---------|--------------|--------------------------------|---------------------------|
| 1 | 1100.2071 | 720x560x15 | 800x605x270 |
| 2 | 1100.2073 | 720x660x15 | 800x705x270 |
| 3 | 1100.2075 | 720x760x15 | 800x805x270 |
| 4 | 1100.2077 | 720x860x15 | 800x905x270 |
| 5 | 1100.2079 | 720x960x15 | 800x1005x270 |



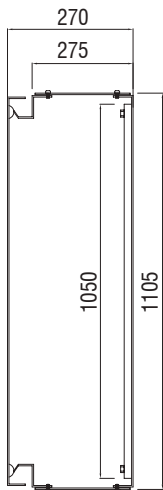
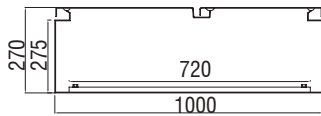
Compact Enclosures with Assembly Plate IP40
With Double Door



- 3400.1269
- 
- 3400.1273
- 
- Lock Sheet Bar Slide (Set)
- 4000.3433 4000.3431
- 4000.3433 4000.3431
- 3400.1313
- 
- 2210.0093
- 
- 4000.3341 4000.2283
- 4000.3423
- 
- M5x10 GUIDE
- 4000.3427
- 
- 4000.2345 4000.3185
- 1990.1921
- BOY:300mm DOOR
- 
- 
- 4000.2345 / 4000.3185
- 1990.1951
- EN:400mm DOOR
- 
- 
- 4000.3423

Compact Enclosures with Assembly Plate IP40

With Double Door



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.2 mm semi Monobloc with bottom screwed and painted
 Bottom-Top Cover : 1.2 mm painted
 Front Cover : 1.2 mm painted

Assembly Plate : 1.2 mm unpainted galvanize
 Hinge : 6 pieces of external corner hinge
 Lock : Right lap door is with arm slide lock
 Seal : Polyurethane cast

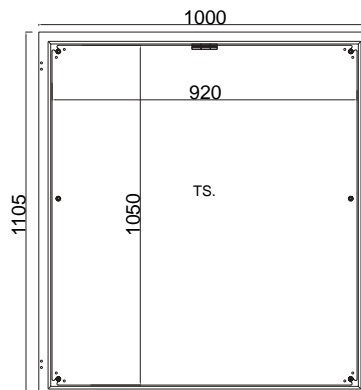
Specifications and Intended Purpose

- Lap double-door IP40
- Monobloc body structure ensuring IP40 protection level
- Seal can be casted on the bottom-top plate upon request. Its IP can be upgraded
- Top and bottom plates can be mounted with M6x10 guide screw.
- Cable entries-exits can be arranged with union, brush, Eva seal or flange
- Mounted with 4 pieces of mounting ear.
- Side, top and bottom fitting mounting ears
- Rubber zamak part with IP protection at enclosure door joint point

Area of Use

- Indoor, dry areas
- Mounted to the wall

| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
|---------|--------------|--------------------------------|---------------------------|
| 1 | 1100.2081 | 920x760x15 | 1000x805x270 |
| 2 | 1100.2083 | 920x860x15 | 1000x905x270 |
| 3 | 1100.2085 | 920x960x15 | 1000x1005x270 |
| 4 | 1100.2087 | 920x1060x15 | 1000x1105x270 |
| 5 | 1100.2089 | 920x1160x15 | 1000x1205x270 |



Compact Enclosures with Assembly Plate IP40
With Double Door



3400.1269



3400.1273



KİLİT LAMA SÜRĞÜ (SET)



4000.3433 4000.3431

M.310-3



4000.2185

2210.0093



4000.3341 4000.2283

4000.3341



4000.3185

4000.3427



4000.2345 4000.3185

4000.3153



4000.3421

1990.1921



4000.2345 / 4000.3185

1990.1951



4000.3423

Assembly Plate Compact Enclosures IP40

Double-Door

Raw Material and Materials

| | |
|------------------|--------------------------------------------------------|
| Sheet | : Galvanized sheet |
| Paint | : RAL 7035 Epoxy Polyester |
| Body | : 1.2 mm semi Monobloc with bottom screwed and painted |
| Bottom-Top Cover | : 1.2 mm painted |
| Front Cover | : 1.2 mm painted |

| | |
|----------------|--------------------------------------------------------------------------|
| Assembly Plate | : 1.2 mm unpainted galvanize |
| Hinge | : 6 pieces of external corner hinge |
| Lock | : Sol kapı iç kilit mekanizması Right lap door is with arm slide lock |
| Seal | : Polyurethane cast |

Specifications and Intended Purpose

- Lap double-door IP40
- Monobloc body structure ensuring IP40 protection level
- Seal can be casted on the bottom-top plate upon request. Its IP can be upgraded
- Top and bottom plates can be mounted with M6x10 guide screw.

- Cable entries-exits can be arranged with union, brush, Eva seal or flange
- Mounted with 4 pieces of mounting ear.
- Side, top and bottom fitting mounting ears
- Rubber zamak part with IP protection at enclosure door joint point

Area of Use

- Indoor, dry areas
- Mounted to the wall



4000.3153



4000.3421

4000.3111



4000.2347

2210.0101

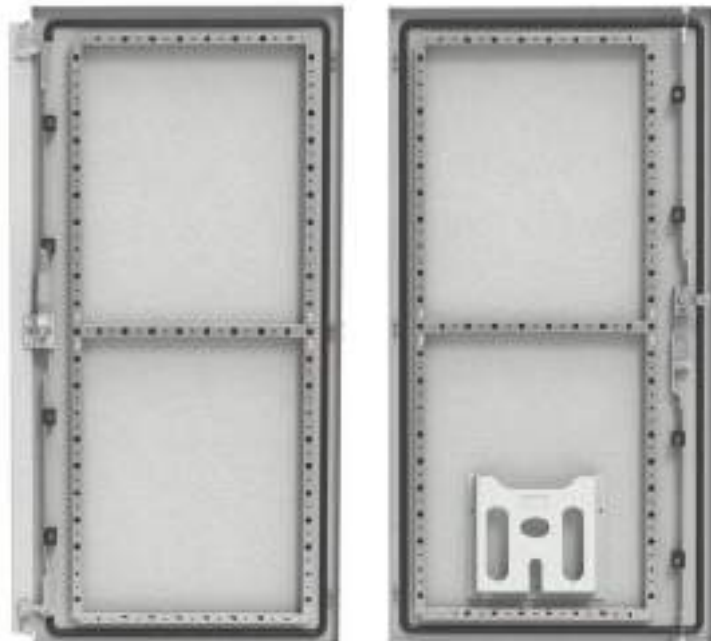


4000.3429

4000.2145



WALL
STRENGTHENING
PROFILE



Assembly Plate Compact Enclosures IP40 Double-Door

| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | Enclosure SIZE WxLxD (mm) |
|---------|--------------|--------------------------------|---------------------------|
| 1 | 1100.2091 | 1110x1110x15 | 1200x1205x320 |
| 2 | 1100.2093 | 1110x1310x15 | 1200x1405x320 |
| 3 | 1100.2095 | 1110x1510x15 | 1200x1605x320 |
| 4 | 1100.2097 | 1110x1610x15 | 1200x1805x320 |
| 5 | 1100.2099 | 1110x1910x15 | 1200x2005x320 |



3400.1255



3400.1273



4000.3433 4000.3431

M.310-3



4000.2185

2210.0093



4000.3341 4000.2283

4000.3341



4000.3185

4000.3427



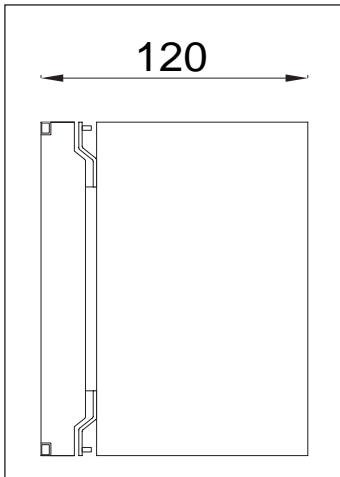
4000.2345 4000.3185

4000.3423



M5x10 GUIDE

Terminal Boxes IP65



Raw Material and Materials

| | | | |
|-------------|----------------------------|----------------|----------------------------------|
| Sheet | : Galvanized sheet | Assembly Plate | : 1.0 mm unpainted galvanize |
| Paint | : RAL 7035 Epoxy Polyester | Seal | : Polyurethane cast |
| Body | : 1.0 mm Monobloc painted | Front Cover | : Mounted with 4 pieces of screw |
| Front Cover | : 1.0 mm painted | | |

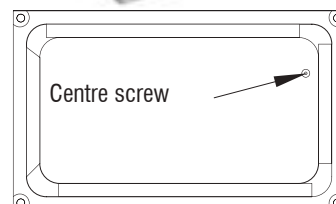
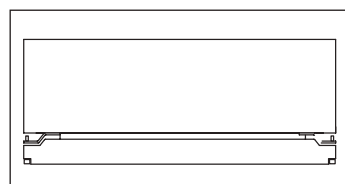
Specifications and Intended Purpose

- Terminal enclosure for cable addition and distribution
- Monobloc body structure ensuring IP40 protection level
- Cable entries-exits can be arranged by the customer itself
- Assembly plate can be raised at bottom with nut
- Enclosure is screwed to wall internally

Area of Use

- Indoor, dry areas
- Mounted to the wall

| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
|---------|--------------|--------------------------------|---------------------------|
| 1 | 1100.1011 | 160x110 | 200x150x120 |
| 2 | 1100.1013 | 260x160 | 300x200x120 |
| 3 | 1100.1015 | 260x260 | 300x300x120 |
| 4 | 1100.1017 | 360x260 | 400x300x120 |
| 5 | 1100.1019 | 460x360 | 400x400x120 |
| 6 | 1100.1021 | 460x160 | 500x200x120 |
| 7 | 1100.1023 | 460x260 | 500x300x120 |
| 8 | 1100.1025 | 560x260 | 600x300x120 |
| 9 | 1100.1027 | 560x360 | 600x400x120 |



Terminal Boxes IP40

Raw Material and Materials

Sheet : Galvanized sheet
 Paint :RAL 7035 Epoxy Polyester
 Body : 1.0 mm Monobloc painted
 Front Cover : 1.0 mm painted

Assembly Plate : 1.0 mm unpainted galvanize
 Seal : Without seal
 Front Cover : Mounted with 4 pieces of screw

Specifications and Intended Purpose

- Terminal enclosure for cable addition and distribution
- Monobloc body structure ensuring IP40 protection level
- Cable entries-exits can be arranged by the customer itself
- Assembly plate can be raised at bottom with nut
- Enclosure is screwed to wall internally

Area of Use

- Indoor, dry areas
- Mounted to the wall

| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
|---------|--------------|-----------------------------------|------------------------------|
| 1 | 1100.1111 | 160x110 | 200x150x120 |
| 2 | 1100.1113 | 260x160 | 300x200x120 |
| 3 | 1100.1115 | 260x260 | 300x300x120 |
| 4 | 1100.1117 | 360x260 | 400x300x120 |
| 5 | 1100.1119 | 460x360 | 400x400x120 |
| 6 | 1100.1121 | 460x160 | 500x200x120 |
| 7 | 1100.1123 | 460x260 | 500x300x120 |
| 8 | 1100.1125 | 560x260 | 600x300x120 |
| 9 | 1100.1127 | 560x360 | 600x400x120 |



Enclosures with Assembly Plate and Glass Cover IP65

3400.1313



4000.3163

3400.1241



3400.1291

2210.0093



4000.3341 | 4000.3283

2210.0085



4000.2345 | 4000.3185

4000.3239



4000.3185 | 4000.3163

4000.3423



4000.3167

4000.3427



4000.2345 | 4000.3185

Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.2 mm Monobloc painted
 Glass : 4mm tempered flat glass

Door : 1.2 mm painted
 Bottom-Top Plates : 1.2 mm painted
 Glass Assembly : Polyurethane Fermadur

Specifications and Intended Purpose

- Monobloc body structure ensuring IP65 protection level
- Internal components are standard and dismountable
- 4 pieces of mounting ear is mounted with blind rivet nut
- Tempered 4 mm fume glass
- Glass is mounted with Fermadur freezing paste
- Glass holding teeth for replacing broken glass
- Cable entries-exits can be opened by customer itself

Area of Use

- Outdoor
- Indoor, moist areas
- Flammable and explosive environments

1 Piece of Lock 2 Pieces with Hinge

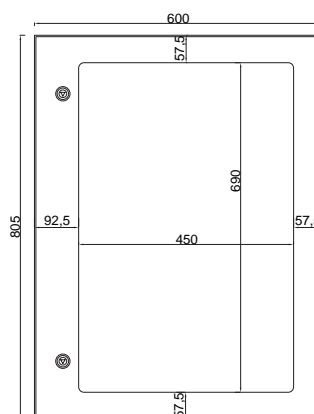
| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
|---------|--------------|--------------------------------|---------------------------|
| 1 | 1100.7011 | 220x360x15 | 300x405x170 |
| 2 | 1100.7013 | 320x360x15 | 400x405x170 |
| 3 | 1100.7015 | 320x460x15 | 400x505x220 |
| 4 | 1100.7017 | 320x560x15 | 400x605x220 |

2 Piece of Lock 2 Pieces with Hinge

| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
|---------|--------------|--------------------------------|---------------------------|
| 1 | 1100.7021 | 420x460x15 | 500x505x220 |
| 2 | 1100.7023 | 420x560x15 | 500x605x220 |
| 3 | 1100.7025 | 420x660x15 | 500x705x220 |
| 4 | 1100.7027 | 520x560x15 | 600x605x220 |
| 5 | 1100.7029 | 520x660x15 | 600x705x220 |



Wall type glass door edge dimensions



Raw Material and Materials

Sheet : Galvanized sheet
 Paint :RAL 7035 Epoxy Polyester
 Body : 1.2 mm Monobloc painted
 Glass : 4mm tempered flat glass

Door : 1.2 mm painted
 Bottom-Top Plates : 1.2 mm painted
 Glass Assembly : Polyurethane Fermadur

Specifications and Intended Purpose

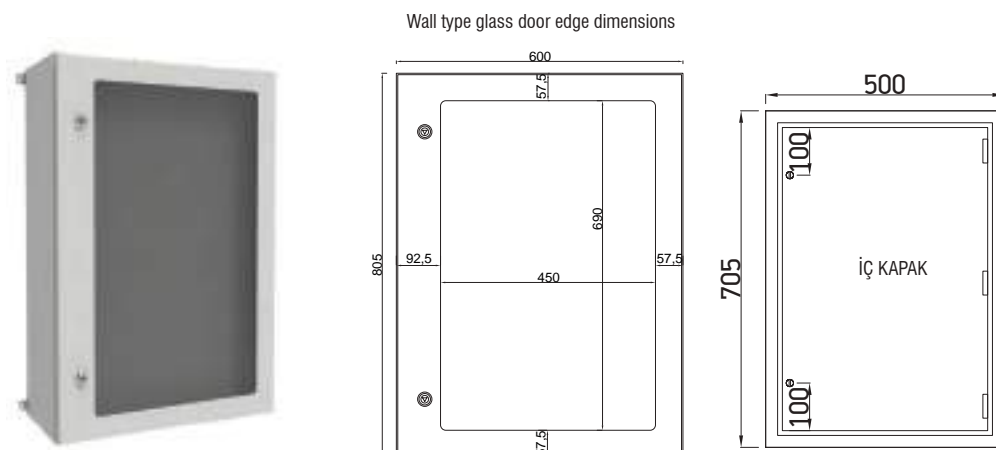
- Monobloc body structure ensuring IP65 protection level
- Internal components are standard and dismountable.
- 4 pieces of mounting ear are mounted with blind rivet nut
- Completely with internal contact hazard protection
- Top and bottom plates are with internal threaded
- Specially designed assembly screw with spring serves as handle
- Cable entries-exits is arranged by customer

Area of Use

- Outdoor areas
- Indoor and moist areas
- Flammable and explosive environments

| 1 Piece of Lock 2 Pieces with Hinge | | | |
|-------------------------------------|--------------|--------------------------------|---------------------------|
| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
| 1 | 1100.8011 | 220x360x15 | 300x405x270 |
| 2 | 1100.8013 | 320x360x15 | 400x405x270 |
| 3 | 1100.8015 | 320x460x15 | 400x505x270 |
| 4 | 1100.8017 | 320x560x15 | 400x605x270 |

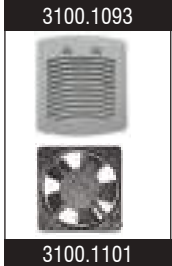
| 2 Piece of Lock 2 Pieces with Hinge | | | |
|-------------------------------------|--------------|--------------------------------|---------------------------|
| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
| 1 | 1100.8021 | 420x460x15 | 500x505x270 |
| 2 | 1100.8023 | 420x560x15 | 500x605x270 |
| 3 | 1100.8025 | 420x660x15 | 500x705x270 |
| 4 | 1100.8027 | 520x560x15 | 600x605x270 |
| 5 | 1100.8029 | 520x660x15 | 600x705x270 |



Enclosures with Assembly Plate and Glass Cover IP65

| | | |
|-----------|-----------|--|
| 3400.1241 | | |
| 3400.1291 | | |
| 3400.1313 | | |
| 4000.3163 | | |
| 2210.0093 | | |
| 4000.3341 | 4000.3283 | |
| 2210.0085 | | |
| 4000.2345 | 4000.3185 | |
| 4000.3239 | | |
| 4000.3185 | 4000.3163 | |
| 4000.2125 | | |
| 4000.3221 | | |
| 4000.3423 | | |
| 4000.3167 | | |
| 4000.3427 | | |
| 4000.2345 | 4000.3185 | |
| 4000.3261 | | |
| 4000.2185 | | |

Sliding Enclosures with Assembly Plate IP40



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.0 mm painted
 Bottom-Top Plate : 1.2 mm painted
 Front Cover : 1.0 mm painted
 Assembly Plate : 1.2 mm unpainted galvanize

Hinge : 2 blind hinge
 Lock : With 1 piece of pipe wrench
 Seal : Polyurethane cast
 Fan : 1 piece at right top
 Shutter : 2 pieces at left bottom, right top

Specifications and Intended Purpose

- Monobloc body structure ensuring IP40 protection level
- Front covers are locked at one point with pipe wrench lock system
- Small workshop-stores and shops

Area of Use

- Indoor, dry areas

| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
|---------|--------------|--------------------------------|---------------------------|
| 1 | 1100.8051 | 320x555x15 | 400x605x300 |
| 2 | 1100.8053 | 370x655x15 | 450x705x300 |
| 3 | 1100.8055 | 420x755x15 | 500x805x300 |
| 4 | 1100.8057 | 520x855x15 | 600x905x300 |



Wall Type Single- Purpose Compensation Enclosures IP40

Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.0 mm Monobloc painted
 Front Cover: 1.0 mm painted

Internal Assembly Plinths : 1.0 mm -1.2 mm
 Assembly Plate : 1.0 mm unpainted
 Bottom-Top Plates : 1.2 mm painted
 Hinge : 2 pieces of blind hinge

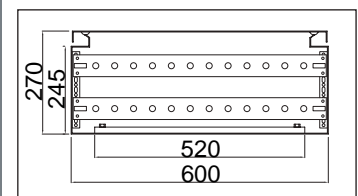
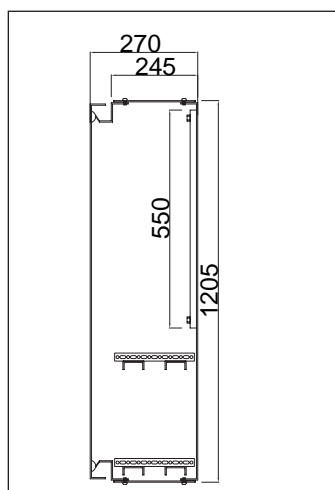
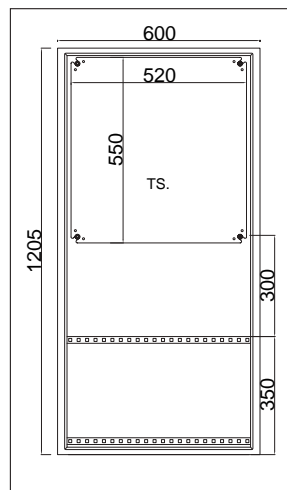
Specifications and Intended Purpose

- Monobloc body structure ensuring IP40 protection level
- Cylindrical condenser tray
- Printed ventilation shutter
- For compensation purpose

Area of Use

- Outdoor and dry areas
- Small workshop-stores and shops

| LIST NO | PRODUCT CODE | NUMBER OF CONDENSER TRAY | COMPENSATION KW-GRADE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
|---------|--------------|--------------------------|-----------------------|--------------------------------|---------------------------|
| 1 | 1201.5011 | 2 | 5 | 420x600x15 | 500x905x270 |
| 2 | 1201.5013 | 2 | 8 | 520x700x15 | 600x1005x270 |
| 3 | 1201.5015 | 4 | 10 | 520x550x15 | 600x1205x270 |
| 4 | 1201.5017 | 4 | 12 | 520x750x15 | 600x1405x270 |



Indoor Flush Mounted-Surface Mounted Distribution Enclosure and Two-Three Purpose Enclosures

- IP40 Wall Type Flush Mounted W. Automate Distribution Enclosures



218

- IP40 Wall Type Surface Mounted W. Automate Distribution Enclosures with Glass Cover



222

- IP20 Wall Type Flush Mounted W. Automate Distribution Enclosures



226

- IP20 Wall Type Flush Mounted W. Automat Distribution Enclosures with Glass Cover



230

- IP20 Wall Type Flush Mounted W. Automate and Assembly Plate Distribution Enclosures



234

-
- Indoor Combined Enclosures IP20



235

-
- IP40 Wall Type Surface Mounted W. Automate and Assembly Plate Distribution Enclosures



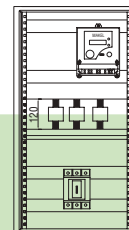
236

-
- IP40 Wall Type Double Purpose Distribution Compensation Enclosures



238

-
- Surface Mounted X5 Boiler Counter Enclosures



240

-
- Wall Type Distribution and Compensation Enclosures



241

-
- Wall Type Triple Purpose Distribution Compensation and Counter Enclosures



242

W.Automate Distribution Enclosures IP40

Wall Type Surface
Mounted



Raw Material and Materials

Sheet : Galvanized sheet
Paint : RAL 7035 Epoxy Polyester
Body : 1.0 mm Monobloc painted

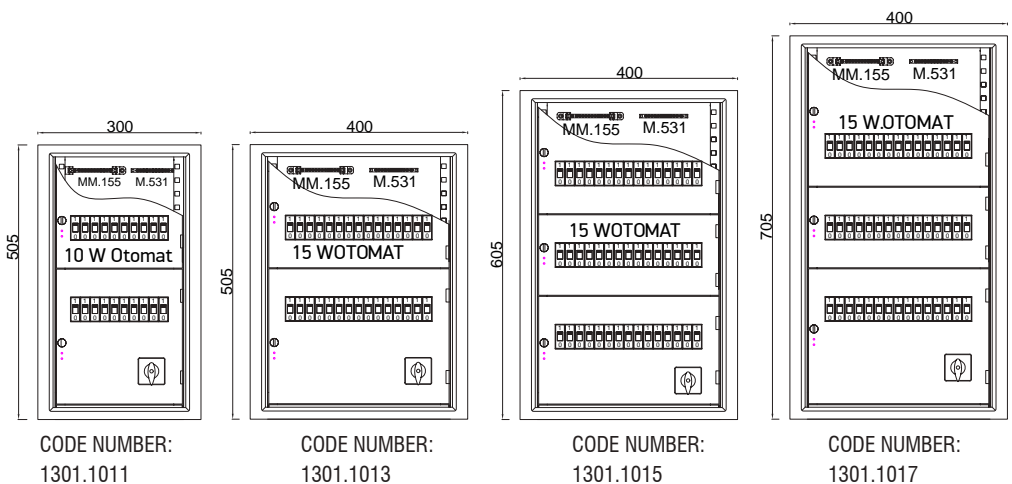
Cover : 1.0 mm painted
Internal Assembly Plinth : 1.0 mm-1.2 m
Bottom-Top Plates : 1.2 mm painted

Specifications and Intended Purpose

- Monobloc body structure ensuring IP40 protection level
- For fuse distribution
- Internal components are standard and dismantable
- Contact hazard protection sheets are with teeth and hinge, easily dismantable
- Special design assembly screw with spring is used as handle
- Protection brush with hair length of 30 mm for cable exit

Area of Use

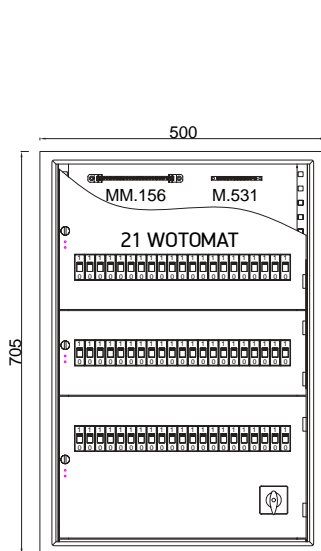
- Indoor, dry areas
- Small workshops-stores and shops



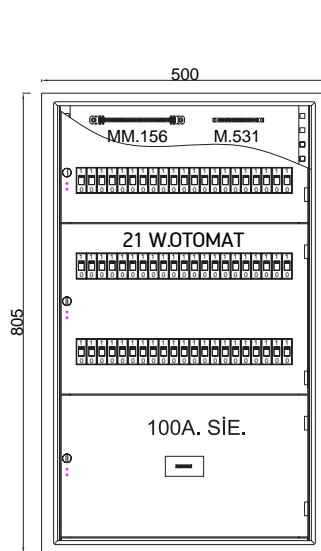
W. Automate Distribution Enclosures IP40

Wall Type Surface Mounted

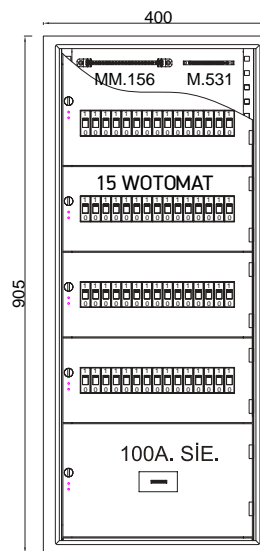
| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | SIZES WxLxD |
|---------|--------------|----------------------|-----------|----------------|---------|--------|-------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 1301.1011 | 20 | PACCO | NO | 11+1 | 11+1 | 300x505x170 |
| 2 | 1301.1013 | 30 | PACCO | NO | 11+1 | 11+1 | 400x505x170 |
| 3 | 1301.1015 | 45 | PACCO | NO | 11+1 | 11+1 | 400x605x170 |
| 4 | 1301.1017 | 45 | PACCO | NO | 11+1 | 11+1 | 400x705x170 |
| 5 | 1301.1019 | 60 | TPS | NO | 19+1 | 19+1 | 400x905x170 |
| 6 | 1301.1021 | 63 | TPS | NO | 19+1 | 19+1 | 500x805x170 |
| 7 | 1301.1023 | 63 | PACCO | NO | 19+1 | 11+1 | 500x705x170 |



CODE NUMBER:
1301.1019



CODE NUMBER:
1301.1021



CODE NUMBER:
1301.1023

- 

3400.1207
- 

3400.1291
- 

3400.1313
- 

2210.0093
- 

4000.3341 | 4000.2283
- 

4000.3423

M5x10 GUIDE
- 

4000.3265

4000.3185
- 

4000.3261

4000.2185
- 

4000.2125

4000.3221
- 

4000.3427

4000.2345 | 4000.3185
- 

3300.1225

4000.2264
- 

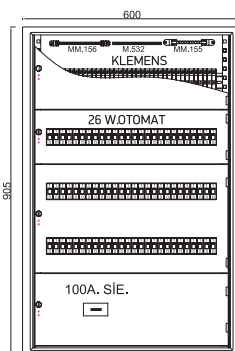
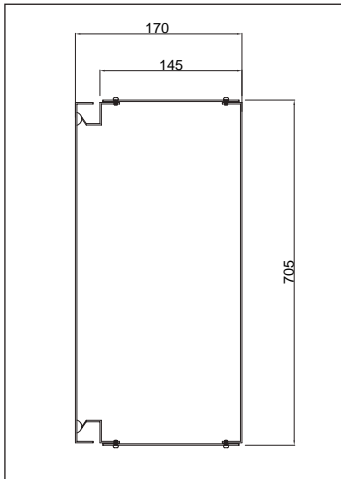
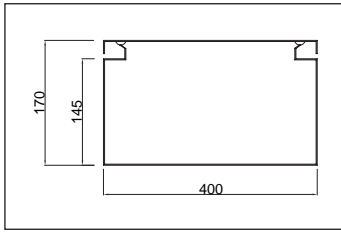
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3300.1221
- 

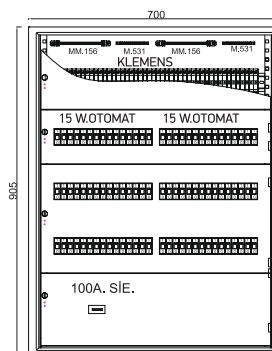
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- 

4000.3211

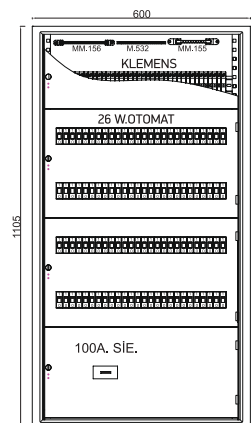
W. Automate Distribution Enclosures IP40
Wall Type Surface Mounted



CODE NUMBER:
1301.1025



CODE NUMBER:
1301.1027

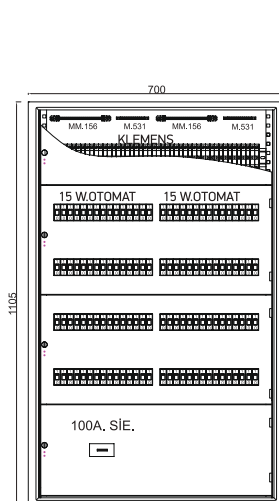


CODE NUMBER:
1301.1029

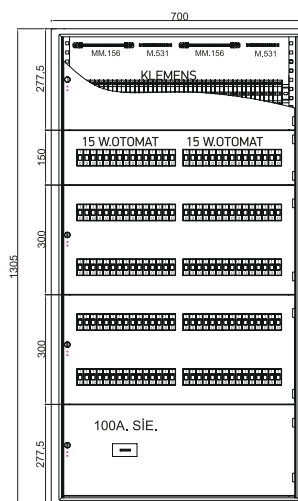
W. Automate Distribution Enclosures IP40

Wall Type Surface Mounted

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | SIZES WxLxD |
|---------|--------------|----------------------|-----------|----------------|---------|--------|--------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 1301.1025 | 78 | TPS | EXITS | 30+2 | 19+1 | 600x905x220 |
| 2 | 1301.1027 | 90 | TPS | EXITS | 38+2 | 22+2 | 700x905x220 |
| 3 | 1301.1029 | 104 | TPS | EXITS | 30+2 | 19+1 | 600x1105x220 |
| 4 | 1301.1031 | 120 | TPS | EXITS | 38+2 | 22+2 | 700x1105x220 |
| 5 | 1301.1033 | 150 | TPS | EXITS | 38+2 | 22+2 | 700x1305x220 |



CODE NUMBER:
1301.1031

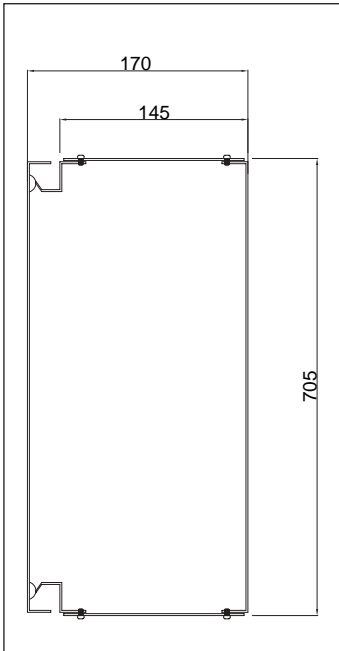
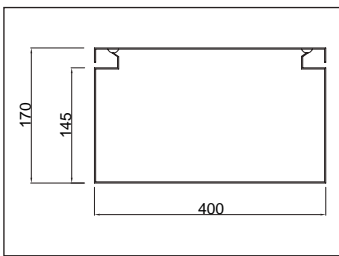


CODE NUMBER:
1301.1033

- 3400.1207
3400.1291
- 3400.1313
- 2210.0093
4000.3341 | 4000.2283
- 4000.3423
M5x10 KILAVUZ
- 4000.2125
4000.3221
- 4000.3261
4000.2185
- 4000.3427
4000.2345 | 4000.3185
- 4000.3265
4000.3185
- 3300.1225
4000.2264
- 4000.3271
- 3300.1223
4000.2264
- 4000.3211

W.Automate Distribution Enclosures with Glass Cover IP40

Wall Type Surface
Mounted



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.0 mm Monobloc painted
 Glass : 4 mm tempered flat glass

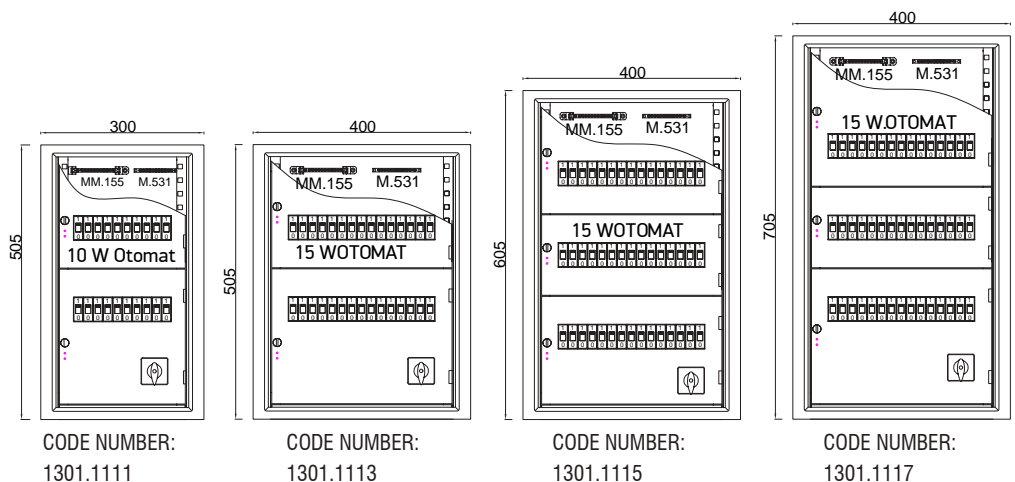
Cover : 1.0 mm painted
 Internal Assembly Plinth : 1.0 mm-1.2 m
 Bottom-Top Plates : 1.2 mm painted
 Glass Assemble : Polyurethane Fermadur

Specifications and Intended Purpose

- Monobloc body structure ensuring IP40 protection level
- For fuse distribution
- Internal components are standard and dismantable
- Contact hazard protection sheets are with teeth and hinge, easily dismantable
- Special design assembly screw with spring is used as handle
- Protection brush with hair length of 30 mm for cable exit
- Glass holding teeth for replacement in case of broken glass

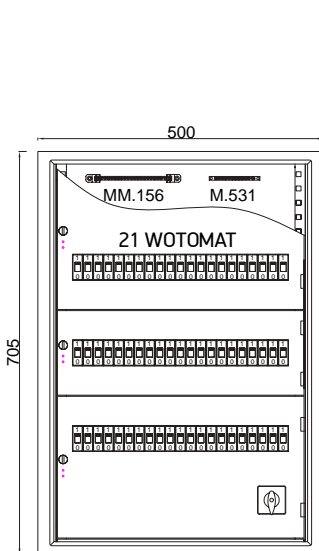
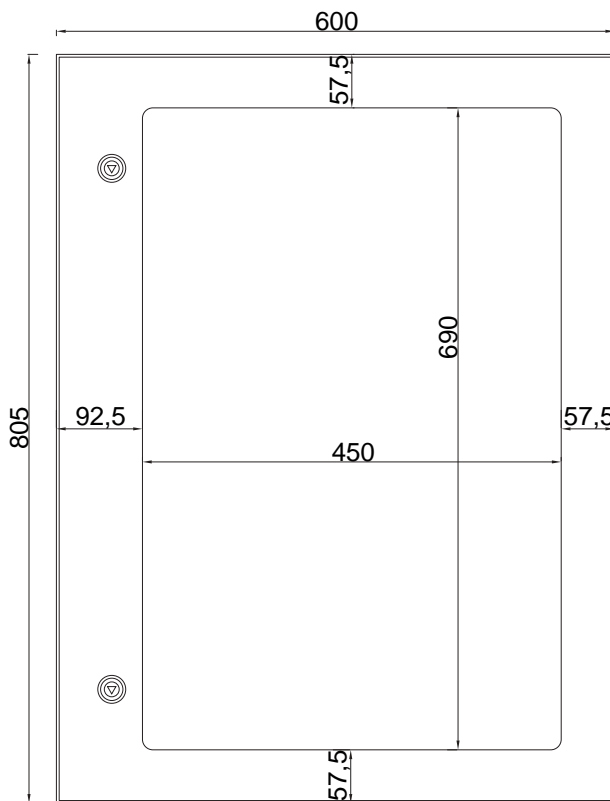
Area of Use

- Indoor, dry areas
- Small workshops-stores and shops

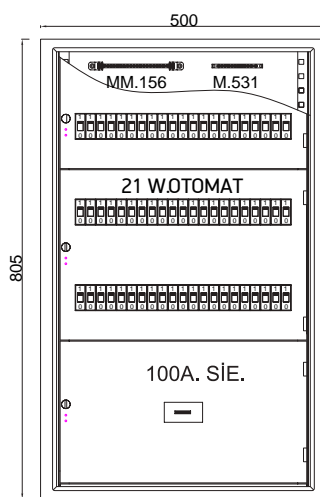


W. Automate Distribution Enclosures with Distribution Enclosures IP40
Wall Type Surface Mounted

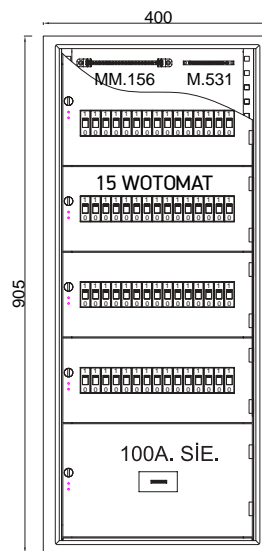
| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | SIZES WxLxD |
|---------|--------------|----------------------|-----------|----------------|---------|--------|-------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 1301.1111 | 20 | PACCO | NO | 11+1 | 11+1 | 300x505x170 |
| 2 | 1301.1113 | 30 | PACCO | NO | 11+1 | 11+1 | 400x505x170 |
| 3 | 1301.1115 | 45 | PACCO | NO | 11+1 | 11+1 | 400x605x170 |
| 4 | 1301.1117 | 45 | PACCO | NO | 11+1 | 11+1 | 400x705x170 |
| 5 | 1301.1119 | 63 | PACCO | NO | 19+1 | 11+1 | 500x705x170 |
| 6 | 1301.1121 | 63 | TPS | NO | 19+1 | 19+1 | 500x805x170 |
| 7 | 1301.1123 | 60 | TPS | NO | 19+1 | 19+1 | 400x905x170 |



CODE NUMBER:
1301.1119



CODE NUMBER:
1301.1121



CODE NUMBER:
1301.1123

- 3400.1207

- 3400.1291

- 3400.1313

- 2210.0093

- 4000.3341 | 4000.2283

- 2210.0085

- 4000.2345 | 4000.3185

- 4000.3423

- 4000.2125

- 4000.3221

- 4000.3341

- 4000.3185

- 4000.3265

- 4000.3185

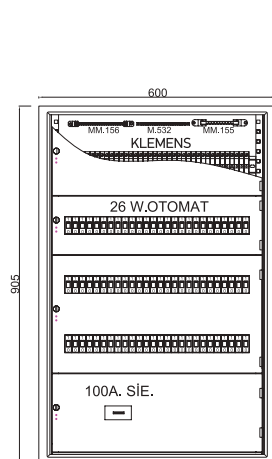
- 4000.3261

- 4000.2185

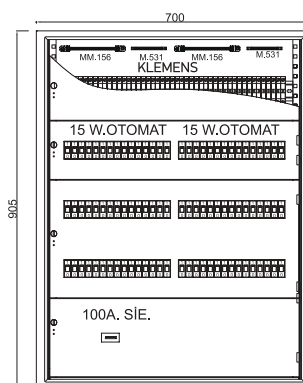
- 4000.3427

- 4000.2345 | 4000.3185

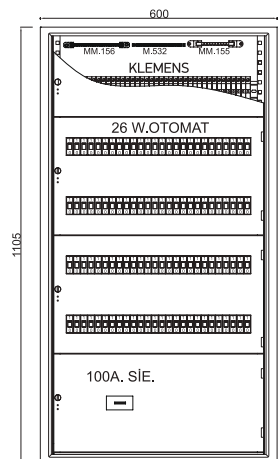

W. Automate Distribution Enclosures with Distribution Enclosures IP40
Wall Type Surface Mounted



CODE NUMBER:
1301.1125



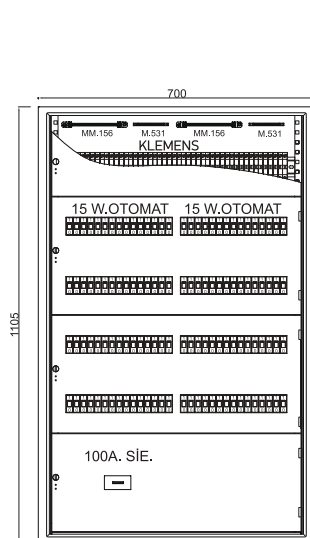
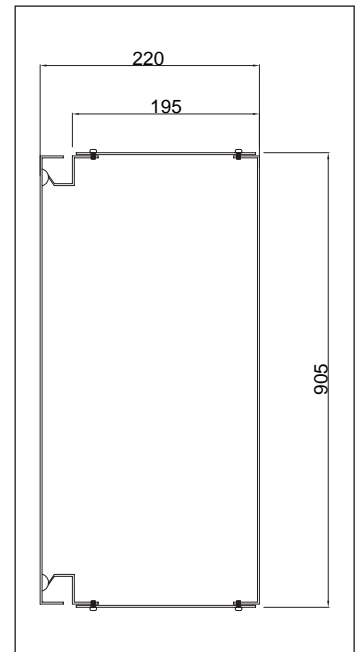
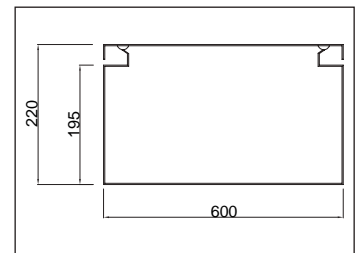
CODE NUMBER:
1301.1127



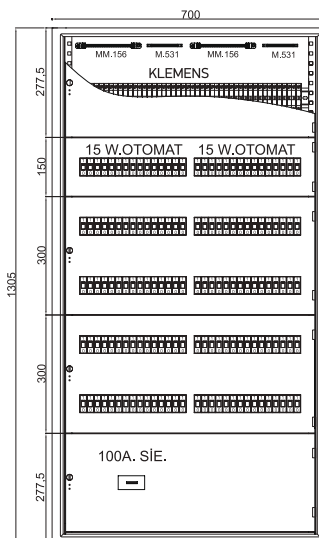
CODE NUMBER:
1301.1129

W. Automate Distribution Enclosures with Distribution Enclosures IP40
Wall Type Surface Mounted

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | SIZES WxLxD |
|---------|--------------|----------------------|-----------|----------------|---------|--------|--------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 1301.1125 | 78 | TPS | EXITS | 30+2 | 19+1 | 600x905x220 |
| 2 | 1301.1127 | 90 | TPS | EXITS | 38+2 | 22+2 | 700x905x220 |
| 3 | 1301.1129 | 104 | TPS | EXITS | 30+2 | 19+1 | 600x1105x220 |
| 4 | 1301.1131 | 120 | TPS | EXITS | 38+2 | 22+2 | 700x1105x220 |
| 5 | 1301.1133 | 150 | TPS | EXITS | 38+2 | 22+2 | 700x1305x220 |



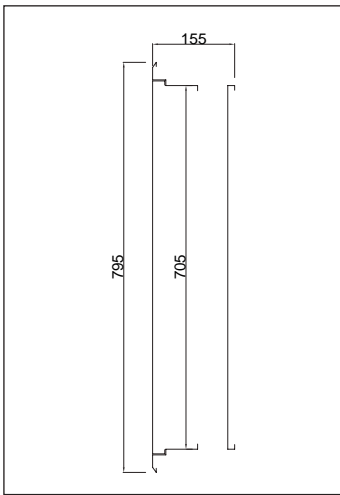
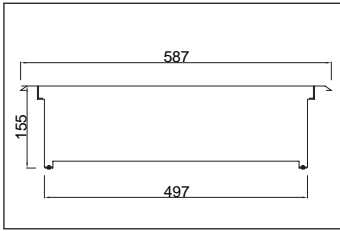
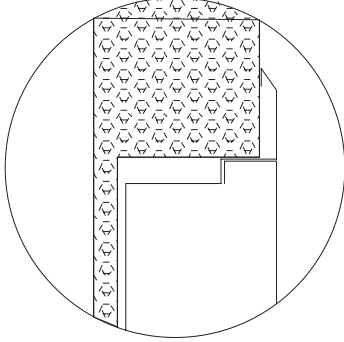
CODE NUMBER:
1301.1131



CODE NUMBER:
1301.1133

W.Automate Distribution Enclosures IP20

Wall Type Surface
Mounted



Raw Material and Materials

| | |
|-------|----------------------------|
| Sheet | : Galvanized sheet |
| Paint | : RAL 7035 Epoxy Polyester |
| Body | : 1.0 mm Monobloc painted |
| Cover | : 1.0 mm embedded |

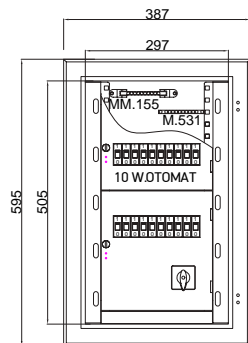
| | |
|-------------------|-----------------------------------|
| Internal Assembly | : 1.0 mm-1.2 mm |
| Plinth | : Backflap hinge 40x40 mm (zamak) |
| Hinge | : Painted (without seal) |

Specifications and Intended Purpose

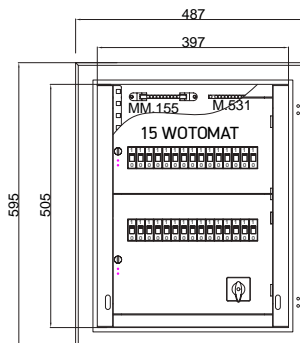
- Encastered body structure ensuring IP40 protection level
- For fuse distribution
- Internal components are standard and dismantable
- Contact hazard protection sheets are with teeth and hinge, easily dismantable
- Special design assembly screw with spring is used as handle
- Open bottom and top for cable entry-exit

Area of Use

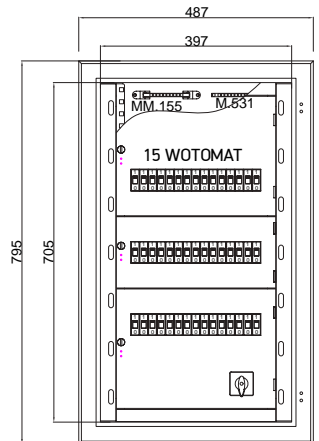
- Indoor, dry areas
- Small workshops-stores and shops
- Duvara gömülü montajlanır.



CODE NUMBER:
1302.1011



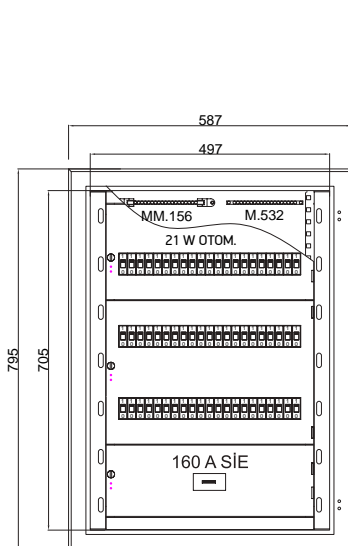
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1302.1013



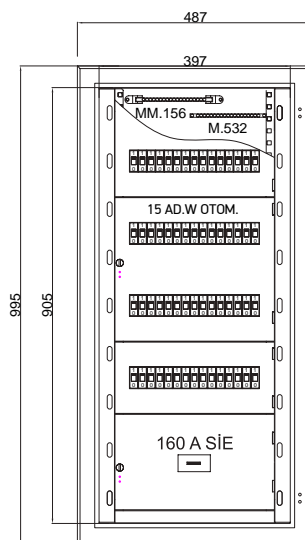
CODE NUMBER:
1302.1015

W. Automate Distribution Enclosures IP20 Wall Type Flush Mounted

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | OUTSIDE CASING SIZE | NET INTERNAL SIZE |
|---------|--------------|----------------------|-----------|----------------|---------|--------|---------------------|-------------------|
| | | | | | NEUTRAL | GROUND | | |
| 1 | 1302.1011 | 20 | PACCO | NO | 11+1 | 11+1 | 387x595x155 | 297x505x142 |
| 2 | 1302.1013 | 30 | PACCO | NO | 11+1 | 11+1 | 487x595x155 | 397x505x142 |
| 3 | 1302.1015 | 45 | PACCO | NO | 11+1 | 11+1 | 487x795x155 | 397x705x142 |
| 4 | 1302.1017 | 63 | TPS | NO | 19+1 | 11+1 | 587x795x155 | 497x705x142 |
| 5 | 1302.1019 | 60 | TPS | NO | 19+1 | 11+1 | 487x995x155 | 397x905x142 |



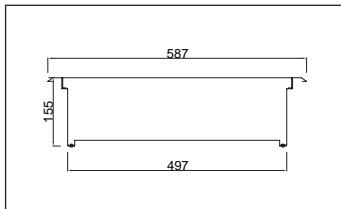
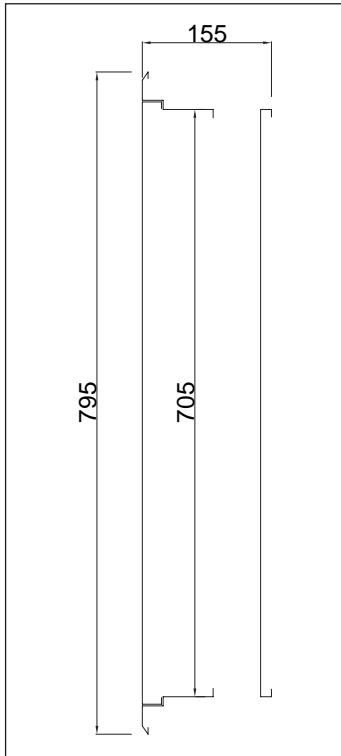
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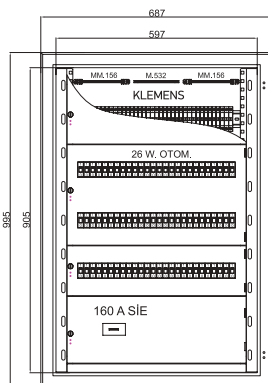
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1302.1019

- 3400.1207
- 
- 3400.1291
- 3400.1211
- 
- 3400.1441
- 
- 4000.3273 4000.3401
2210.0091
- 
- 4000.3407
- 4000.2125
- 
- 4000.3221
- 4000.3423
- 
- 4000.3341
- 
- 4000.3185
- 4000.3265
- 
- 4000.3185
- 4000.3261
- 
- 4000.2185
- 4000.3427
- 
- 4000.2345 4000.3185
- 3300.1221
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- 4000.2264
- 
- 4000.3211
- 3300.1225
- 
- 4000.2264
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- 4000.3271

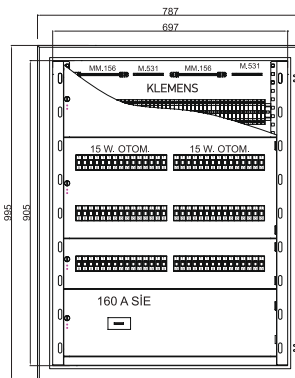
W. Automate Distribution Enclosures IP20
Wall Type Flush Mounted



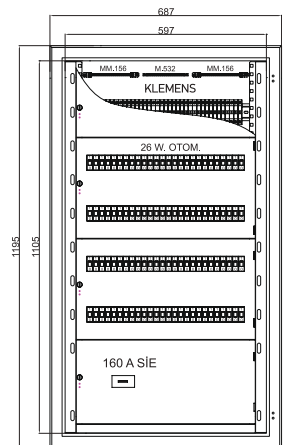
Flush Mounted Enclosure Top View Ground Neutral Busbar



CODE NUMBER:
1302.1021



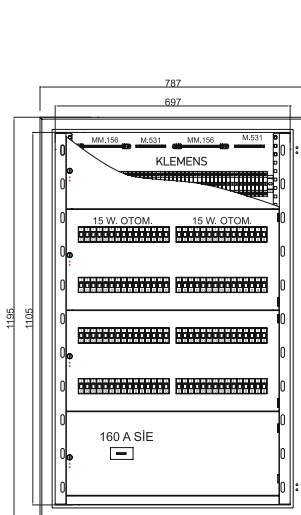
CODE NUMBER:
1302.1023



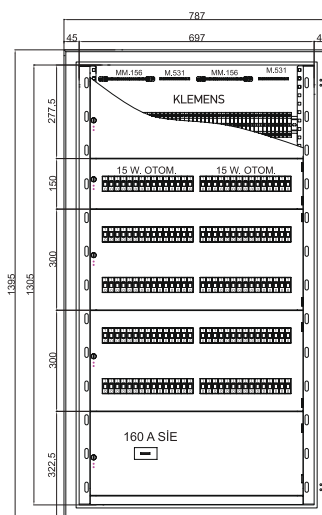
CODE NUMBER:
1302.1025

W. Automate Distribution Enclosures IP20 Wall Type Flush Mounted

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | OUTSIDE CASING SIZE | NET INTERNAL SIZE |
|---------|--------------|----------------------|-----------|----------------|---------|--------|---------------------|-------------------|
| | | | | | NEUTRAL | GROUND | | |
| 1 | 1302.1021 | 78 | TPS | EXITS | 30+2 | 11+1 | 687x995x155 | 597x905x142 |
| 2 | 1302.1023 | 90 | TPS | EXITS | 38+2 | 22+2 | 787x995x155 | 697x905x142 |
| 3 | 1302.1025 | 104 | TPS | EXITS | 38+2 | 19+1 | 687x1195x155 | 597x1105x142 |
| 4 | 1302.1027 | 120 | TPS | EXITS | 38+2 | 22+2 | 787x1195x155 | 697x1105x142 |
| 5 | 1302.1029 | 150 | TPS | EXITS | 38+2 | 22+2 | 787x1395x155 | 697x1305x142 |



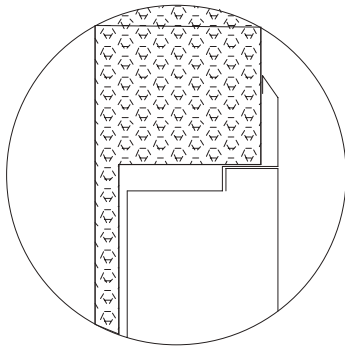
CODE NUMBER:
1302.1027



CODE NUMBER:
1302.1029

W.Automate Distribution Enclosures with Glass Cover IP20

Wall Type Flush
Mounted



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.0 mm encastered painted
 Glass : 4 mm tempered flat glass

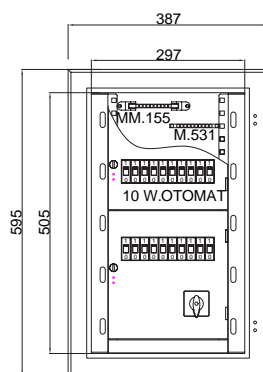
Cover : 1.0 mm painted embedded
 (without seal)
 Internal Assembly : 1.0 mm-1.2 m
 Plinths : Backflap hinge 40x40 mm
 Hinge : (zamak)

Specifications and Intended Purpose

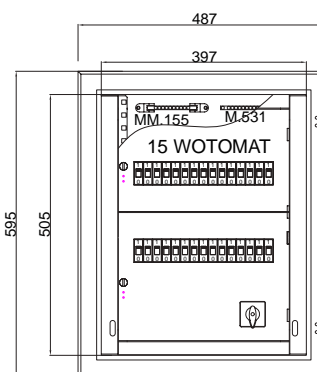
- For fuse distribution
- Internal components are standard and dismantable
- Contact hazard protection sheets are with teeth and hinge, easily dis mountable
- Special design assembly screw with spring is used as handle
- Protection brush with hair length of 30 mm for cable exit
- Glass holding teeth for replacement in case of broken glass

Area of Use

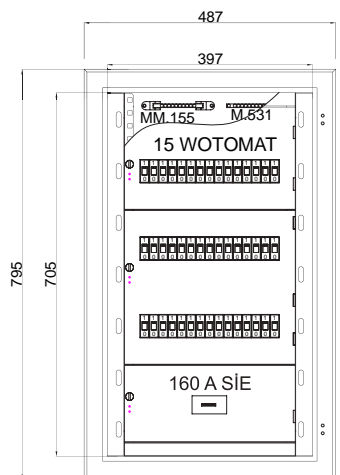
- Indoor, dry areas
- Mounted as wall embedded
- Small workshops-stores and shops



CODE NUMBER:
1302.2111



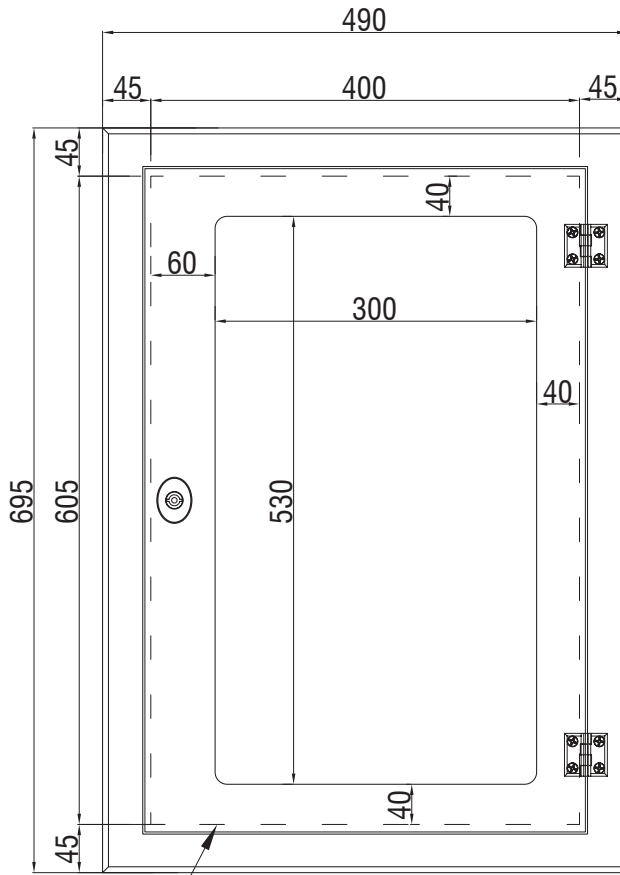
CODE NUMBER:
1302.2113



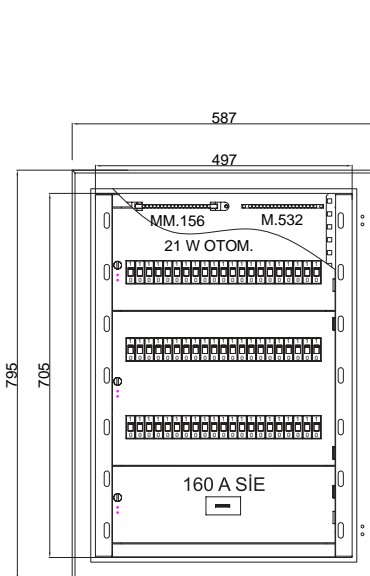
CODE NUMBER:
1302.2115

**W. Automate Distribution Enclosures with Glass Cover IP20
Wall Type Flush Mounted**

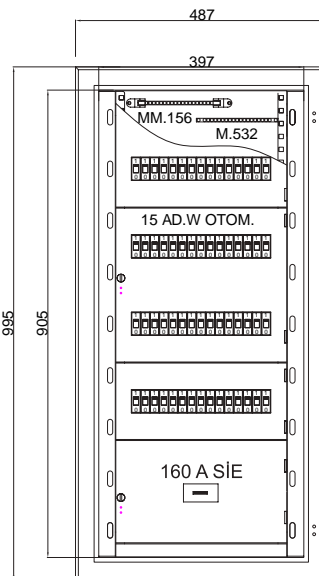
| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | OUTSIDE CASING SIZE | NET INTERNAL SIZE |
|---------|--------------|----------------------|-----------|----------------|---------|--------|---------------------|-------------------|
| | | | | | NEUTRAL | GROUND | | |
| 1 | 1302.2111 | 20 | PACCO | NO | 11+1 | 11+1 | 387x595x155 | 297x505x142 |
| 2 | 1302.2113 | 30 | PACCO | NO | 11+1 | 11+1 | 487x595x155 | 397x505x142 |
| 3 | 1302.2115 | 45 | TPS | NO | 11+1 | 11+1 | 487x795x155 | 397x705x142 |
| 4 | 1302.2117 | 63 | TPS | NO | 19+1 | 11+1 | 587x795x155 | 497x705x142 |
| 5 | 1302.2119 | 60 | TPS | NO | 19+1 | 11+1 | 487x995x155 | 397x905x142 |



Section used beneath the flush mounted enclosure

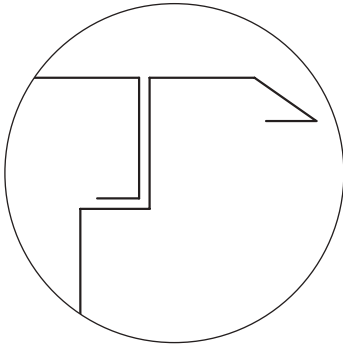


CODE NUMBER:
1302.2117

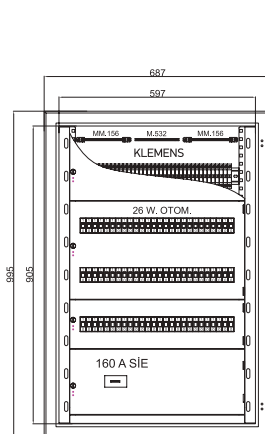


CODE NUMBER:
1302.2119

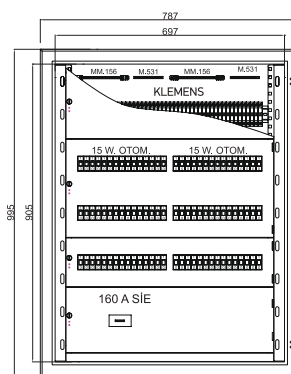
- 3400.1207 
- 3400.1291 
- 3400.1211 
- 3400.1441 
- 4000.3273 4000.3401 2210.0091 
- 4000.3407 
- 2210.0085 
- 4000.2345 4000.3185 
- 4000.3341 
- 4000.3185 
- 4000.3423
- 4000.2125
- 4000.3221
- 4000.3427
- 4000.2345 4000.3185
- 3300.1223
- 4000.2264
- 4000.3211
- 3300.1225
- 4000.2264
- 4000.3271



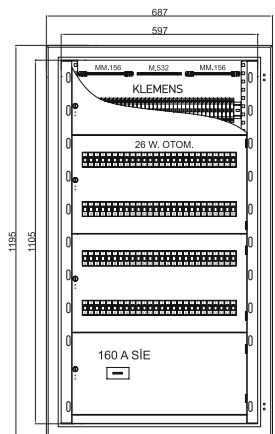
**W. Automate Distribution Enclosures with Glass Cover IP20
Wall Type Flush Mounted**



CODE NUMBER:
1302.2121



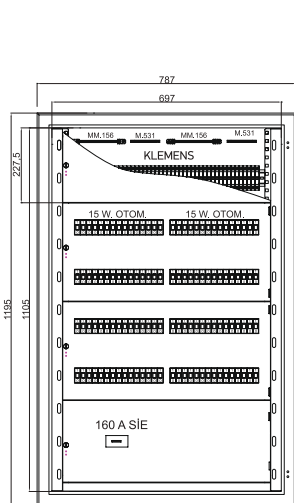
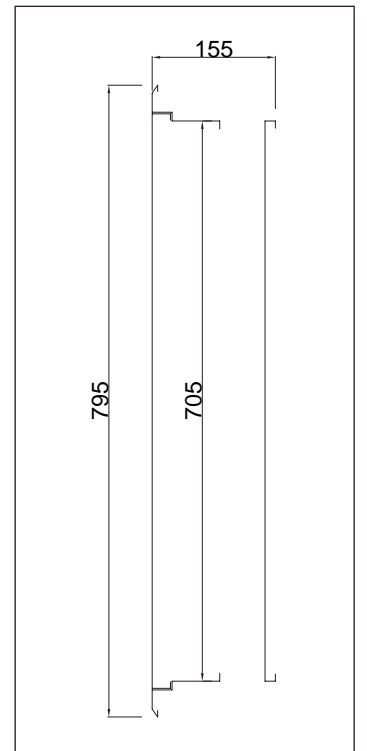
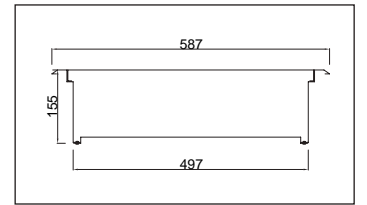
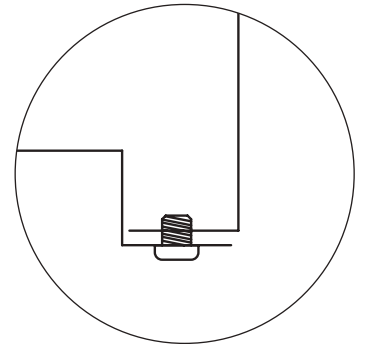
CODE NUMBER:
1302.2123



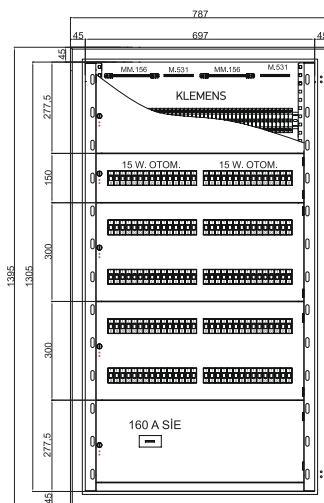
CODE NUMBER:
1302.2125

**W. Automate Distribution Enclosures with Glass Cover IP20
Wall Type Flush Mounted**

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | OUTSIDE CASING SIZE | NET INTERNAL SIZE |
|---------|--------------|----------------------|-----------|----------------|---------|--------------|---------------------|-------------------|
| | | | | | NEUTRAL | GROUND | | |
| 1 | 1302.2121 | 78 | TPS | EXITS | 30+2 | 11+1 | 687x995x155 | 597x905x142 |
| 2 | 1302.2123 | 90 | TPS | EXITS | 38+2 | 22+2 | 787x995x155 | 697x905x142 |
| 3 | 1302.2125 | 104 | TPS | EXITS | 38+2 | 19+1 | 687x1195x155 | 597x1105x142 |
| 4 | 1302.2127 | 120 | TPS | EXITS | 38+2 | 22+2 | 787x1195x155 | 697x1105x142 |
| 5 | 1302.2129 | 150 | EXITS | 38+2 | 22+2 | 787x1395x155 | 697x1305x142 | |



CODE NUMBER:
1302.2127

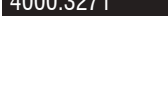
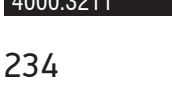
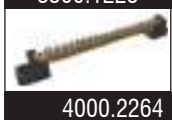
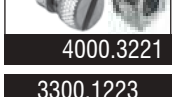
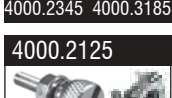
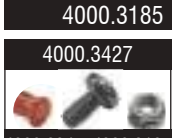
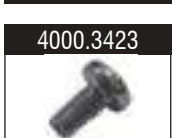


CODE NUMBER:
1302.2129



W.Automate and Assembly Plate Distribution Enclosures IP20

Wall Type Flush Mounted



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.0 mm encastered painted
 Cover : 1.0 mm embedded painted (without seal)

Internal Assembly : 1.0 mm-1.2 mm
 Plinth : Backflap hinge 40x40 mm
 Hinge : (zamak)

Specifications and Intended Purpose

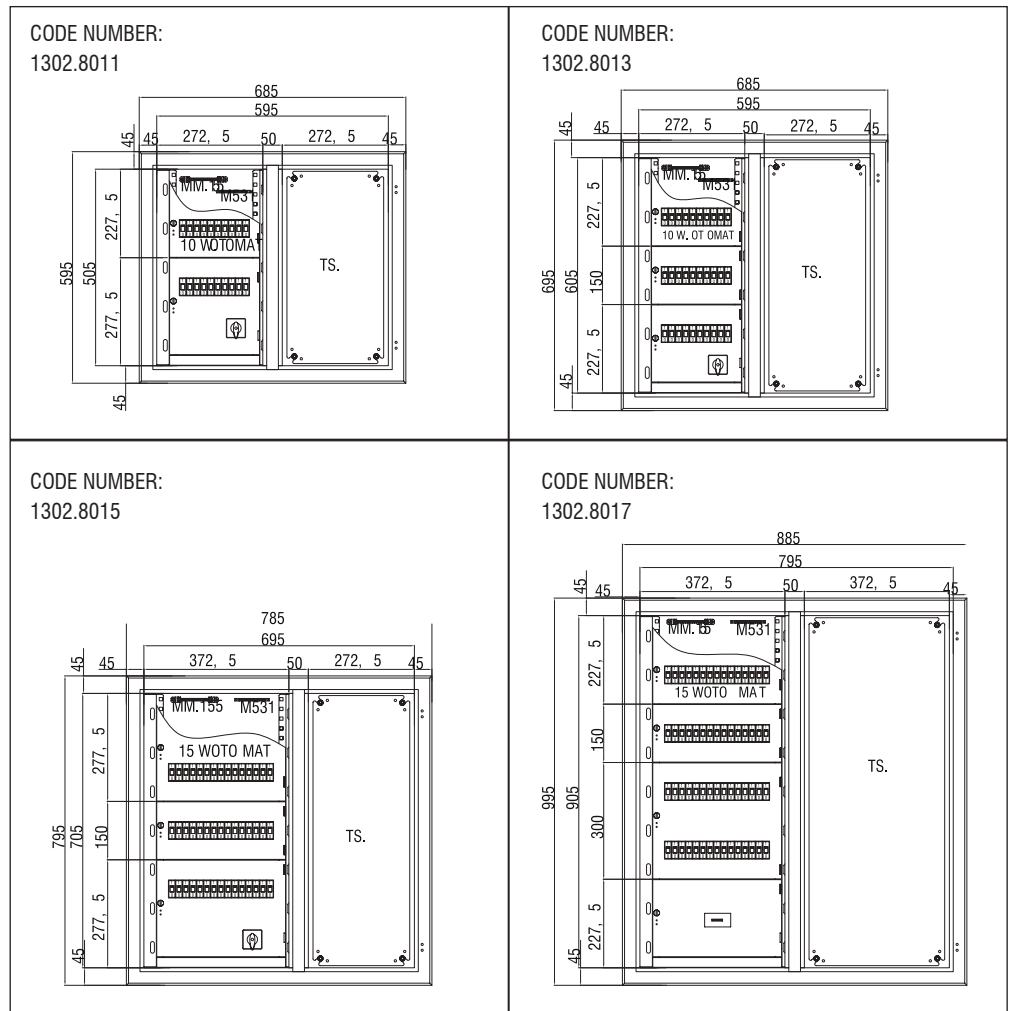
- Encastered body structure ensuring IP20 protection level
- For fuse distribution
- Internal components are standard and dismantable
- For fuse distribution and weak current
- For indoor power distribution
- Contact hazard protection sheets are with teeth and hinge, easily dismantable
- Special design assembly screw with spring is used as handle
- Open bottom and top for cable entry-exit

Area of Use

- Indoor, dry areas
- Small workshops-stores and shops
- Mounted as wall embedded



| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BARALAR | | OUTSIDE CASING SIZE | INSIDE NET SIZE | ASSEMBLY PLATE SIZE |
|---------|--------------|----------------------|-----------|----------------|---------|--------|---------------------|-----------------|---------------------|
| | | | | | NEUTRAL | GROUND | | | |
| 1 | 1302.8011 | 20 | PACCO | NO | 11+1 | 11+1 | 685x595x155 | 595x505 | 250x460 |
| 2 | 1302.8013 | 30 | PACCO | NO | 11+1 | 11+1 | 685x695x155 | 595x605 | 250x560 |
| 3 | 1302.8015 | 45 | PACCO | NO | 11+1 | 11+1 | 785x795x155 | 695x705 | 250x660 |
| 4 | 1302.8017 | 60 | TPS | NO | 11+1 | 11+1 | 885x995x155 | 795x905 | 350x860 |



Indoor Combined Enclosures IP20

Raw Material and Materials

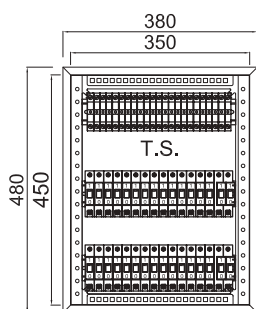
Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.0 mm Monobloc
 Cover : 1.0 mm embedded

Internal Assembly Plinths : 1.0 mm
 Hinge : Hidden, plastic
 Lock : Slide

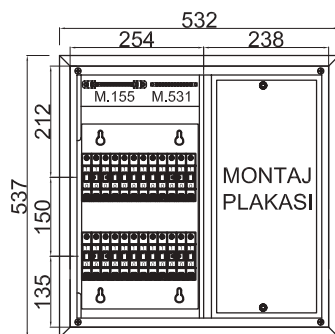
Specifications and Intended Purpose

- Carcass structure ensuring IP20 protection level
- Front covers are with sliding lock
- With ventilation screen
- For fuse distribution and weak current
- Contact hazard protection sheets are with teeth and hinge, easily dismantable

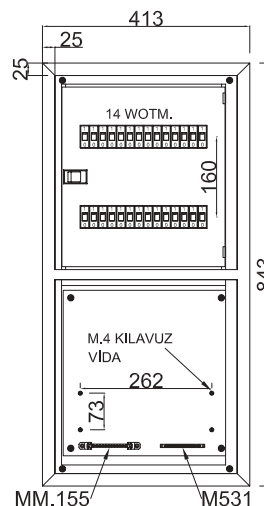
| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | TERMINAL PLACE | BARALAR | | OUTSIDE CASING SIZE | INSIDE NET SIZE | ASSEMBLY PLATE SIZE |
|---------|--------------|----------------------|----------------|---------|--------|---------------------|-----------------|---------------------|
| | | | | NEUTRAL | GROUND | | | |
| 1 | 1302.9011 | 35 | EXITS | NO | NO | 380x480x140 | 350x450 | NO |
| 2 | 1302.9013 | 24 | NO | 11+1 | 11+1 | 532x537x105 | 496x494 | 190x450 |
| 3 | 1302.9015 | 28 | NO | 11+1 | 11+1 | 413x843x110 | 370x800 | 330x330 |



CODE NUMBER:
1302.9011



CODE NUMBER:
1302.9013



CODE NUMBER:
1302.9015

- 3400.1421

- 3400.1303

- 2210.0085

4000.2345 | 4000.3185
- 4000.3341

4000.3185
- 4000.3423

- 3300.1221

- 4000.2264

- 3300.1225

- 4000.2264

- 4000.3271


W.Automate and Assembly Plate Distribution Enclosures IP40

Wall Type Surface
Mounted



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Body : 1.0 mm Monobloc painted
 Seal : Polyurethane cast seal

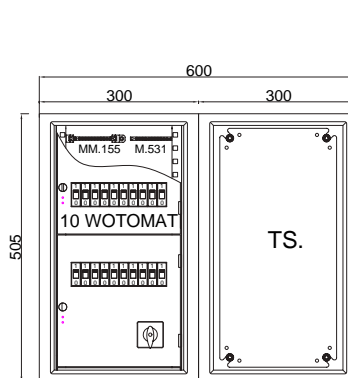
Cover : 1.0 mm
 Internal Assembly Plinth : 1.0 mm-1.2 mm
 Bottom-Top Plates : 1.2 mm painted

Specifications and Intended Purpose

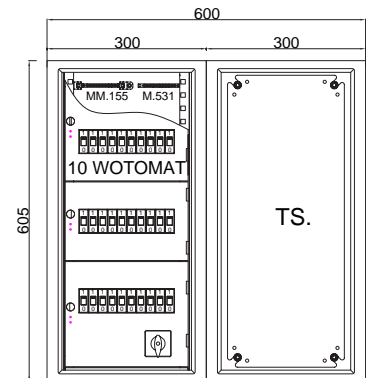
- Monobloc body structure ensuring IP40 protection level
- For fuse distribution and assembly plate
- Internal components are standard and dismantable
- Contact hazard protection sheets are with teeth and hinge, easily dismantable
- Assembly plate is mounted to bottom with 4 sets of screw
- Special design assembly screw with spring is used as handle
- Protection brush with hair length of 30 mm for cable exit

Area of Use

- Indoor, dry areas
- Small workshops-stores and shops



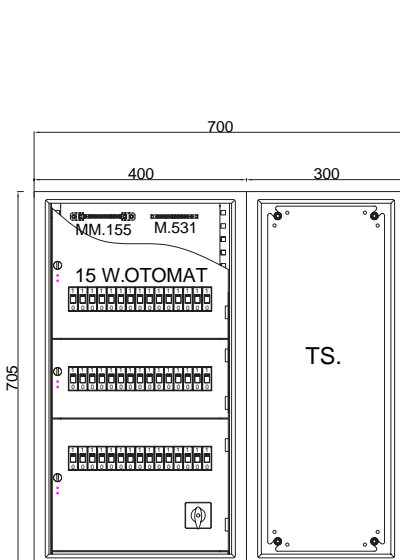
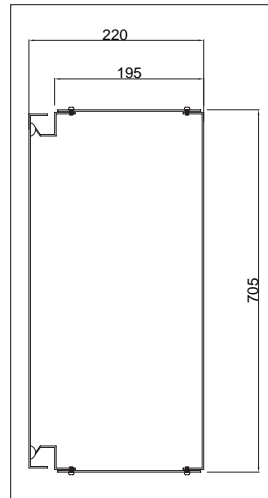
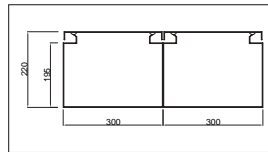
CODE NUMBER:
1301.6011



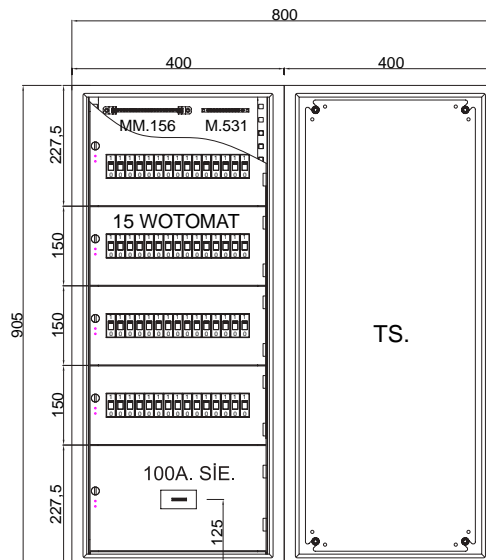
CODE NUMBER:
1301.6013

**W. Automate and Assembly Plate Distribution Enclosures IP40
Wall Type Surface Mounted**

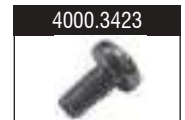
| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BARALAR | | ASSEMBLY PLATE SIZE | ENCLOSURE SIZE WxLxD |
|---------|--------------|----------------------|-----------|----------------|---------|--------|---------------------|----------------------|
| | | | | | NEUTRAL | GROUND | | |
| 1 | 1301.6011 | 20 | PACCO | NO | 11+1 | 11+1 | 220x450 | 600x505x220 |
| 2 | 1301.6013 | 30 | PACCO | NO | 11+1 | 11+1 | 220x550 | 600x605x220 |
| 3 | 1301.6015 | 45 | PACCO | NO | 11+1 | 11+1 | 220x650 | 700x705x220 |
| 4 | 1301.6017 | 60 | TPS | NO | 19+1 | 19+1 | 320x850 | 800x905x220 |



CODE NUMBER:
1301.6015



CODE NUMBER:
1301.6017



Wall Type Double Purpose Distribution Compensation Enclosures IP40

Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom-Top Plates : 1.2 mm painted
 Lock : With clips and handle

Specifications and Intended Purpose

- Monobloc body structure ensuring IP40 protection level
- With cylindrical condenser tray
- Pressured ventilation shutter
- For fuse distribution and compensation
- Internal components are standard and dismountable
- Contact hazard protection sheets are with teeth and hinge, easily dismountable
- Special design assembly screw with spring is used as handle
- Protection brush with hair length of 30 mm for cable exit
- 1.0 mm painted Monobloc body
- 1.0mm-1.2 mm Internal Assembly Plinths
- 4 pieces of mounting ears fitting at bottom-top or sides

Area of Use

- Indoor, dry areas
- Small workshops-stores and shops
- Mounted to wall

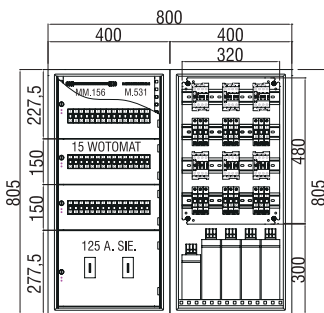
| LIST NO | PRODUCT CODE | NUMBER OF TPS | NUMBER OF CONDENSER TRAY | COMPENSATION KW GRADE | ASSEMBLY PLATE SIZE | Enclosure SIZE WxLxD |
|---------|--------------|---------------|--------------------------|-----------------------|---------------------|----------------------|
| 1 | 1201.2071 | 1 | 2 | 5 | 320x680x15 | 800x805x270 |
| 2 | 1201.2073 | 1 | 2 | 6-7 | 420x680x15 | 900x1005x270 |
| 3 | 1201.2075 | 1 | 2 | 8-9 | 520x500x15 | 1000x1105x270 |
| 4 | 1201.2077 | 1 | 4 | 10-12 | 620x580x15 | 1200x1205x270 |



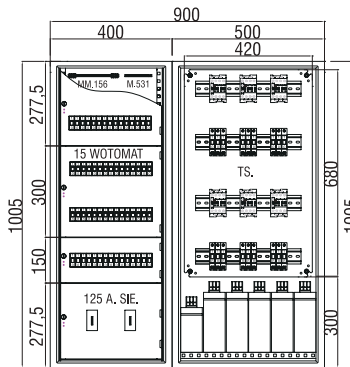
Wall Type Double Purpose Distribution Compensation Enclosures IP40



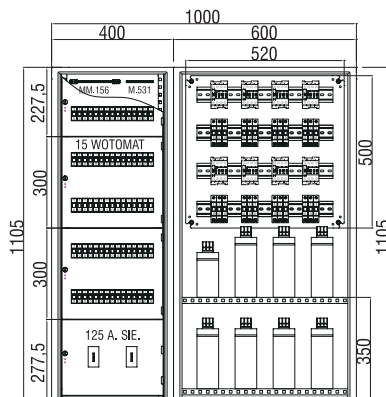
CODE NUMBER:
1201.2071



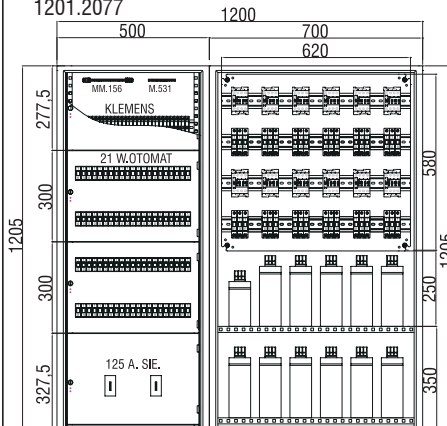
CODE NUMBER:
1201.2073



CODE NUMBER:
1201.2075



CODE NUMBER:
1201.2077



3400.1207



3400.1291

3400.1313



2210.0093



4000.3341 | 4000.2283

4000.3341



4000.3185

4000.2125



4000.3221

4000.3427



4000.2345 | 4000.3185

4000.3423



3300.1221



4000.2264



4000.3211

3300.1225

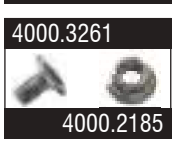


4000.2264



4000.3271

Surface Mounted Indoor X5 Boiler Counter Enclosures



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom-Top Plates : 1.2 mm painted
 Lock : With clips and handle

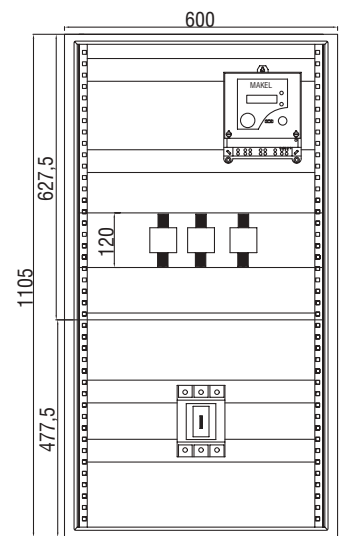
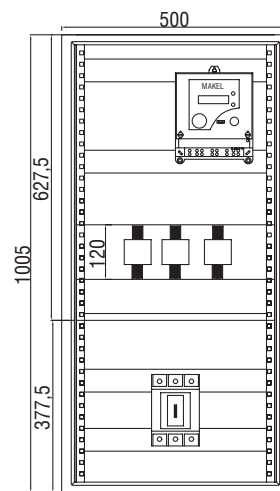
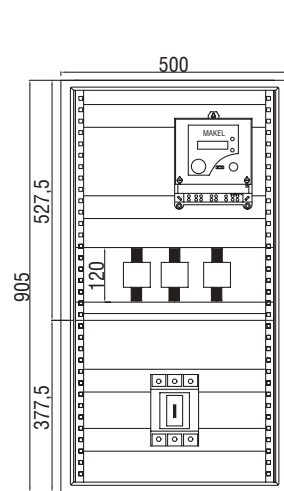
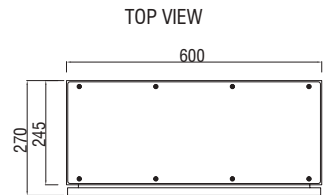
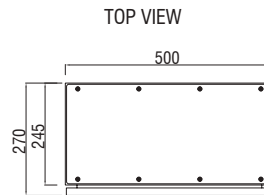
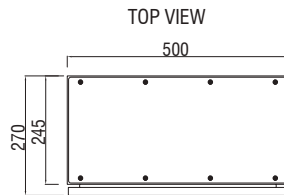
Specifications and Intended Purpose

- 1 mm single part Monobloc body structure ensuring IP40 protection level
- X5 Counter plinths
- Protection brush with hair length of 30 mm for cable exit
- 1.0 mm-1.2 mm Internal Assembly Plinths
- 4 pieces of mounting ears fitting at bottom-top or sides

Area of Use

- Indoor, dry areas
- Small workshops-stores and shops
- Mounted to wall

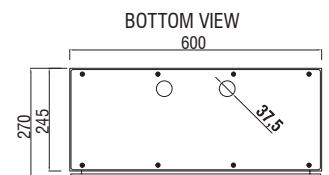
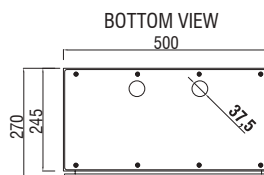
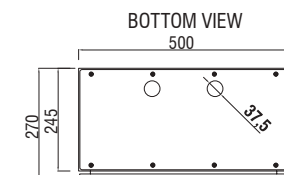
| LIST NO | PRODUCT CODE | ENTRY | MEASURE (AMPER) | ENCLOSURE SIZE WxLxD |
|---------|--------------|-------|-----------------|----------------------|
| 1 | 1201.1011 | TPS | 100 | 500x905x270 |
| 2 | 1201.1013 | TPS | 160 | 500x1005x270 |
| 3 | 1201.1015 | TPS | 250 | 600x1105x270 |



CODE NUMBER:
1201.1011

CODE NUMBER:
1201.1013

CODE NUMBER:
1201.1015



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom-Top Plates : 1.2 mm painted
 Lock : With clips and handle

Specifications and Intended Purpose

- Double Monobloc body structure ensuring IP40 protection level
- With cylindrical condenser tray
- Pressured ventilation shutter
- For X5 Counter and compensation
- Internal components are standard and dismountable

- Contact hazard protection sheets are with teeth and hinge, easily dismountable
- Special design assembly screw with spring is used as handle
- Protection brush with hair length of 30 mm for cable exit
- 1.0 mm painted Monobloc body
- 1.0mm-1.2 mm Internal Assembly Plinths
- 4 pieces of mounting ears fitting at bottom-top or sides

Area of Use

- Indoor, dry areas
- Small workshops-stores and shops
- Mounted to wall

| LIST NO | PRODUCT CODE | TPS | KONDANS. RAF AD. | KOMP. KW KADEME | MONTAJ PLAKA ÖLÇÜSÜ | PANO ÖLÇÜ ENxBOYxDER. |
|---------|--------------|-----|------------------|-----------------|---------------------|-----------------------|
| 1 | 1201.2011 | 1 | 2 | 5 | 320x680x15 | 800x805x270 |
| 2 | 1201.2013 | 1 | 2 | 6-7 | 420x680x15 | 900x1005x270 |
| 3 | 1201.2015 | 1 | 2 | 8-9 | 520x500x15 | 1000x1105x270 |
| 4 | 1201.2017 | 1 | 4 | 10-12 | 620x580x15 | 1200x1205x270 |

Counter and Compensation Enclosures IP40

Wall Type Surface Mounted



3400.1207



3400.1291



3400.1313

2210.0093



4000.3341 | 4000.2283

4000.3341



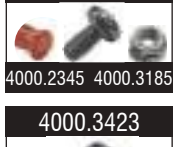
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4000.2345 | 4000.3185

4000.3423



3300.1225



4000.2264



4000.3271

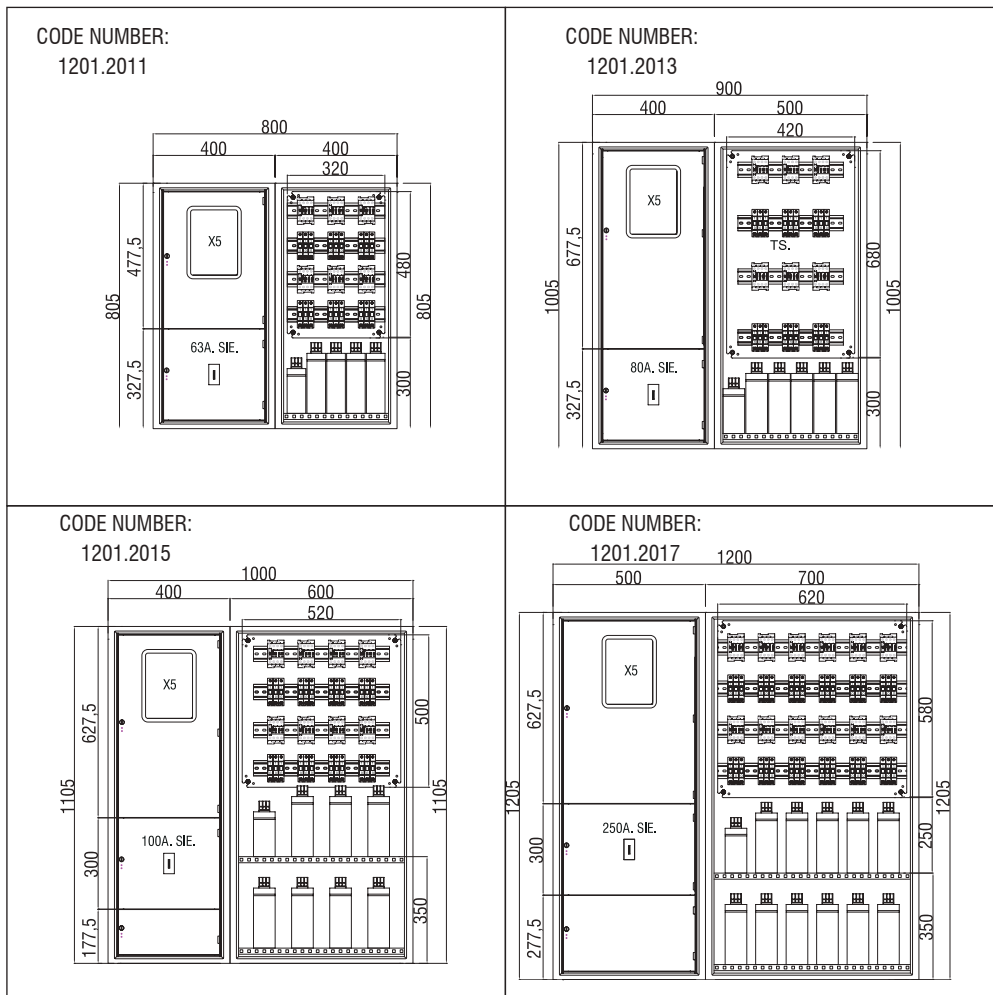
3300.1221



4000.2264



4000.3211



Wall Type Triple Purpose Distribution and Counter Enclosures

Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom-Top Plates : 1.2 mm painted
 Lock : With clips and handle

Specifications and Intended Purpose

- Triple part Monobloc body structure ensuring IP40 protection level
- With cylindrical condenser tray
- Pressured ventilation shutter
- For X5 Counter, fuse distribution and compensation
- Internal components are standard and dismantable
- Contact hazard protection sheets are with teeth and hinge, easily dismantable
- Special design assembly screw with spring is used as handle
- Protection brush with hair length of 30 mm for cable exit
- 1.0 mm painted Monobloc body
- 1.0mm-1.2 mm Internal Assembly Plinths
- 4 pieces of mounting ears fitting at bottom-top or sides

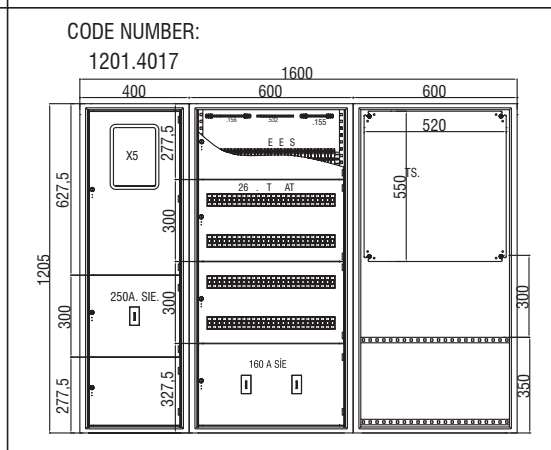
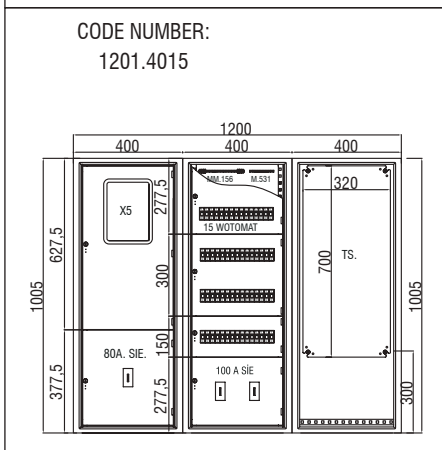
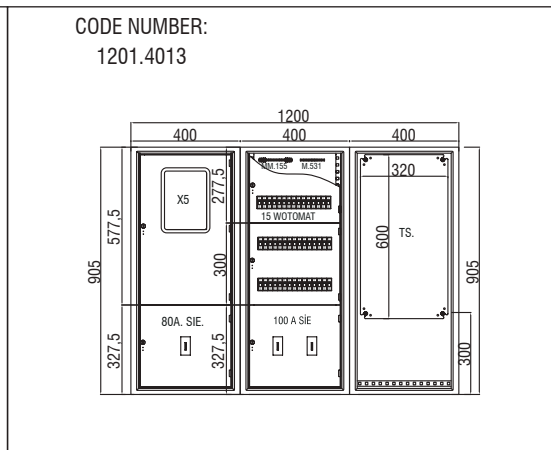
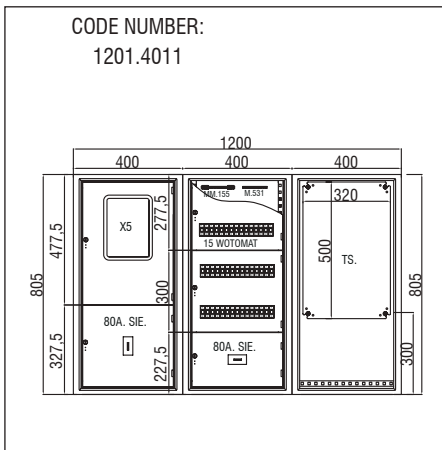
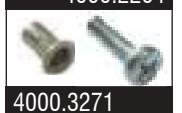
Area of Use

- Indoor, dry areas
- Small workshops-stores and shops
- Mounted to wall









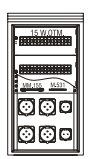

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | TPS | TERMINAL PLACE | BUSBAR | | NUMBER OF CONDENSER TRAY | COMPENSA-TION KW GRADE | ASSEMBLY PLATE SIZE | NUMBER OF COMPART-MENT | Enclosure SIZE WxLxD |
|---------|--------------|----------------------|-----|----------------|---------|--------|--------------------------|------------------------|---------------------|------------------------|----------------------|
| | | | | | NEUTRAL | GROUND | | | | | |
| 1 | 1201.4011 | 45 | 2 | NO | 11+1 | 11+1 | 2 | 5 | 320x500x15 | 3 | 1200x805x270 |
| 2 | 1201.4013 | 45 | 3 | NO | 11+1 | 11+1 | 2 | 5 | 320x600x15 | 3 | 1200x905x270 |
| 3 | 1201.4015 | 60 | 3 | NO | 11+1 | 11+1 | 2 | 7 | 320x700x15 | 3 | 1200x1005x270 |
| 4 | 1201.4017 | 104 | 3 | EXITS | 30+2 | 19+1 | 4 | 8 | 520x550x15 | 3 | 1600x1205x270 |



Wall Type Triple Purpose Distribution and Counter Enclosures

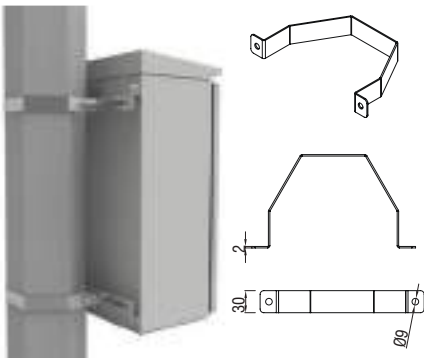


Outdoor Type Footed and Wall Hanged Worksite Enclosures

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Pole mounted assembly brackets 245  | <ul style="list-style-type: none"> • Wall type worksite plug enclosures 251  |
| <ul style="list-style-type: none"> • IP65 enclosures with assembly plate and cap 246  | <ul style="list-style-type: none"> • Portable footed plug enclosures 252  |
| <ul style="list-style-type: none"> • Surface mounted outdoor X5 boiler counter enclosures 247  | <ul style="list-style-type: none"> • Footed Worksite plug enclosures 253  |
| <ul style="list-style-type: none"> • Wall type surface mounted outdoor W automate distribution enclosures 248  | <ul style="list-style-type: none"> • Footed Worksite plug enclosures (with counter) 256  |
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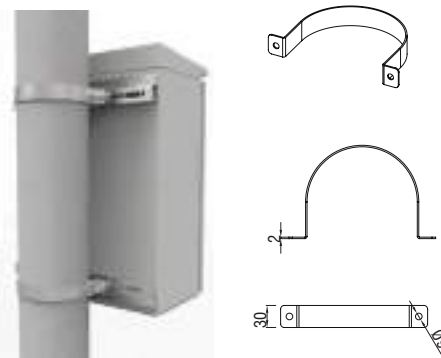
Brackets Mounted to the Hexagonal Pole

| LIST NO | PART CODE | WEIGHT (kg) | POLE DIAMETER (mm) |
|---------|-----------|-------------|--------------------|
| 1 | 1990.1391 | 0,300 | 250 |
| 2 | 1990.1393 | 0,240 | 200 |
| 3 | 1990.1395 | 0,190 | 150 |



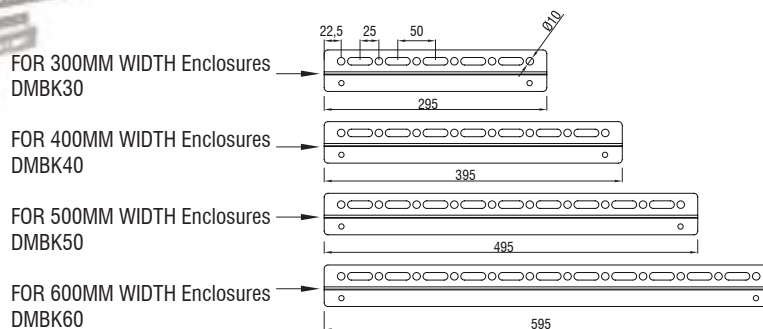
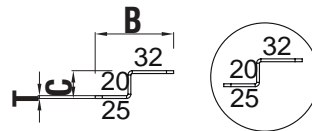
Brackets Mounted to the Round Pole

| LIST NO | PART CODE | WEIGHT (kg) | POLE DIAMETER (mm) |
|---------|-----------|-------------|--------------------|
| 1 | 1990.1429 | 0,300 | 250 |
| 2 | 1990.1431 | 0,240 | 200 |
| 3 | 1990.1433 | 0,180 | 150 |



Pole Mounted Gussets

| LIST NO | PART CODE | T | A | B | C | WEIGHT (kg) | POLE DIAMETER (mm) |
|---------|-----------|---|-----|----|----|-------------|--------------------|
| 1 | 1990.1411 | 2 | 295 | 57 | 20 | 0,330 | 300 |
| 2 | 1990.1413 | 2 | 395 | 57 | 20 | 0,440 | 400 |
| 3 | 1990.1415 | 2 | 495 | 57 | 20 | 0,550 | 500 |
| 4 | 1990.1417 | 2 | 595 | 57 | 20 | 0,660 | 600 |



SECURITY CAMERA CABINS (IP55)

| LIST NO | PRODUCT CODE | NUMBER OF CAMERA | FAN (PIECE) | SIZES (mm) |
|---------|--------------|------------------|-------------|-------------|
| 1 | 1100.5051 | 2 | 1 | 500x400x450 |
| 2 | 1100.5053 | 4 | 2 | 500x600x450 |



Bracket for Mounting Enclosure to Wall



Enclosures with Assembly Plate, Cap IP65

3400.1241



3400.1291



3400.1313

4000.3163

2210.0093



4000.3341 4000.3283

4000.3239



4000.3185 4000.3163

4000.3427



4000.2345 4000.3185

4000.3423



4000.3167



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom-Top Plates : 1.2 mm painted
 Lock : Notched key, IP65 metal

Specifications and Intended Purpose

- 1mm single part Monobloc body structure ensuring IP65 protection level
- Assembly plate is mounted with 4 sets of screw
- Cable entries and exits are drilled upon request
- 1.0-1.2 mm Internal Assembly Plinths
- 4 pieces of mounting ears fitting at bottom-top or sides

Area of Use

- Outdoor
- Indoor, moist and gaseous areas
- Mounted to wall

| 1 Piece of Lock 2 Pieces with Hinge Including 45 mm cap | | | |
|---------------------------------------------------------|--------------|--------------------------------|---------------------------|
| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
| 1 | 1100.5011 | 220x360x15 | 300x450x170 |
| 2 | 1100.5013 | 320x360x15 | 400x450x170 |
| 3 | 1100.5015 | 320x460x15 | 400x550x220 |
| 4 | 1100.5017 | 320x560x15 | 400x650x220 |

| 2 Piece of Lock 2 Pieces with Hinge Including 45 mm cap | | | |
|---------------------------------------------------------|--------------|--------------------------------|---------------------------|
| LIST NO | PRODUCT CODE | ASSEMBLY PLATE SIZE WxLxD (mm) | ENCLOSURE SIZE WxLxD (mm) |
| 1 | 1100.5019 | 420x460x15 | 500x550x220 |
| 2 | 1100.5021 | 420x560x15 | 500x650x220 |
| 3 | 1100.5023 | 420x660x15 | 500x750x220 |
| 4 | 1100.5025 | 520x560x15 | 600x650x220 |
| 5 | 1100.5027 | 520x660x15 | 600x750x220 |
| 6 | 1100.5029 | 520x760x15 | 600x850x270 |



Surface Mounted Outdoor X5 Boiler Counter Enclosures

Raw Material and Materials

| | | | |
|--------|-----------------------------------|--------------|-----------------------------------------|
| Sheet | : Galvanized sheet | Hinge | : Hidden, welded to aluminum-body cover |
| Paint | : RAL 7035 Epoxy Polyester | Bottom Plate | : 1.2 mm painted |
| Seal | : Polyurethane cast seal on cover | Lock | : With clips and handle |
| Screws | : SST8 | | |

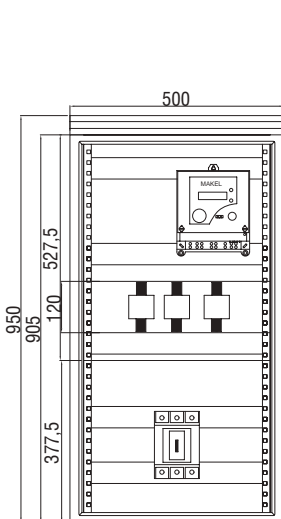
Specifications and Intended Purpose

- 1 mm single part Monobloc body structure ensuring IP65 protection level
- X5 Counter plinths
- Caps are mounted with polyurethane seal guide screw
- Cable entries-exits are drilled upon request
- 1.0 mm-1.2 mm Internal assembly plinths
- 4 pieces of mounting ears fitting at sides

Area of Use

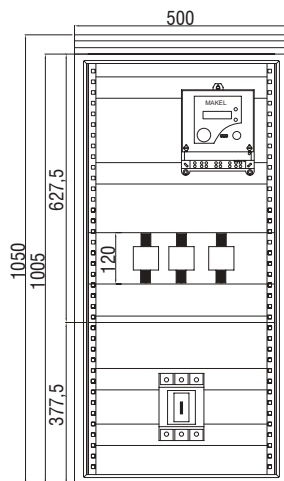
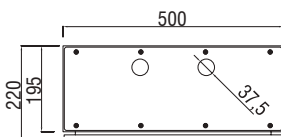
- Outdoor
- Indoor, moist and gaseous areas
- Mounted to wall

| LIST NO | PRODUCT CODE | ENTRY | MEASURE (AMPER) | ENCLOSURE SIZE WxLxD |
|---------|--------------|-------|-----------------|----------------------|
| 1 | 1201.2021 | TPS | 100 | 500x905x270 |
| 2 | 1201.2023 | TPS | 160 | 500x1005x270 |
| 3 | 1201.2045 | TPS | 250 | 600x1105x270 |



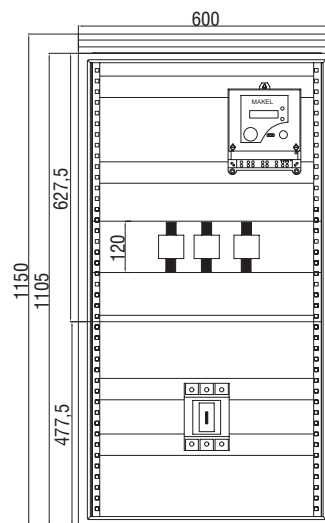
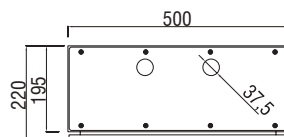
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BOTTOM VIEW



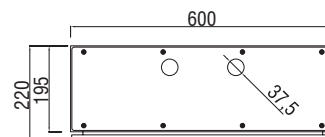
CODE NUMBER:
1201.2023

BOTTOM VIEW



CODE NUMBER:
1201.2025

BOTTOM VIEW



| | |
|----------------|-----------|
| 3400.1241 | |
| 3400.1291 | |
| 3400.1313 | |
| 4000.3163 | |
| 2210.0093 | |
| 4000.3341 | 4000.3283 |
| 4000.3265 | |
| 4000.3185 | |
| 4000.3239 | |
| 4000.3185 | 4000.3163 |
| 4000.3423 | |
| 4000.3167 | |
| 4000.3427 | |
| 4000.2345 | 4000.3185 |
| 4000.2125 | |
| 4000.3221 | |
| 1990.1921 | |
| BOY:300mm KAPI | |
| 4000.2345 | 4000.3185 |

Wall Type Surface Mounted W.Automate Distribution Enclosures

Raw Material and Materials

Sheet : Galvanized sheet
 Paint :RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

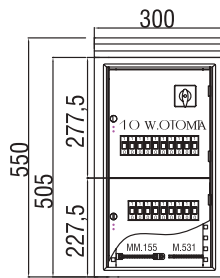
Hinge : Hidden, welded to aluminum-body cover
 Bottom Plate : 1.2 mm painted
 Lock : Notched key, IP65 metal

Specifications and Intended Purpose

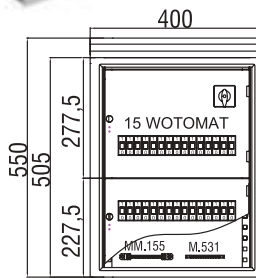
- 1 mm single part Monobloc body structure ensuring IP65 protection level
- With W automate distribution contact hazard protection
- Contact hazard protection sheets are with teeth and hinge, easily dismantable
- Special design assembly screw with spring is used as handle
- Cable entries-exits are drilled at bottom upon request
- 1.0 mm-1.2 mm Internal assembly plinths
- 4 pieces of mounting ears fitting at sides

Area of Use

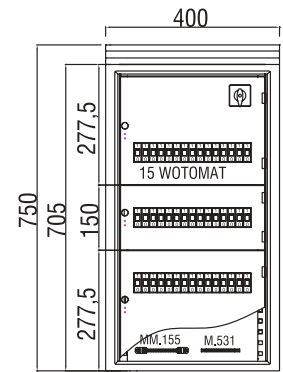
- Outdoor
- Indoor, moist and gaseous areas
- Mounted to wall



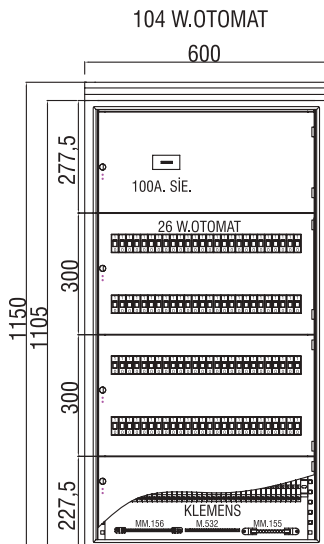
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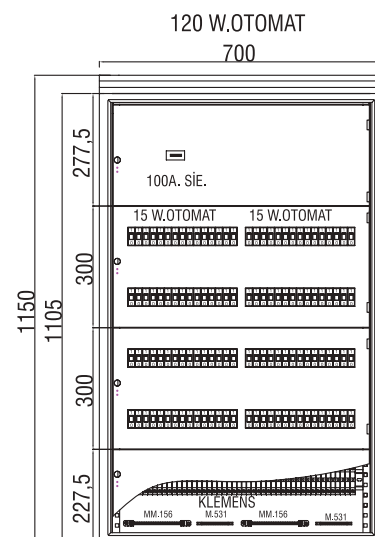
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CODE NUMBER:
1301.2015

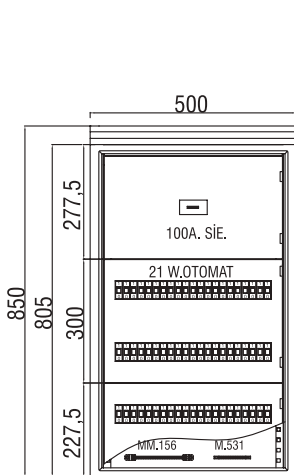


CODE NUMBER:
1301.2023

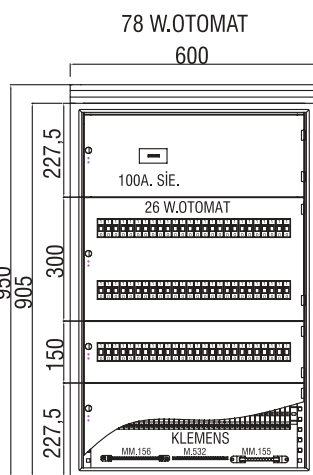


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1301.2025

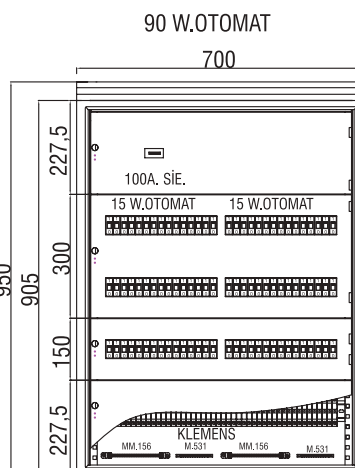
| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | PACCO TPS | TERMINAL PLACE | BUSBAR | | SIZES WxLxD |
|---------|--------------|----------------------|-----------|----------------|---------|--------|--------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 1301.2011 | 20 | PACCO | NO | 11+1 | 11+1 | 300x505x170 |
| 2 | 1301.2013 | 30 | PACCO | NO | 11+1 | 11+1 | 400x505x170 |
| 3 | 1301.2015 | 45 | PACCO | NO | 11+1 | 11+1 | 400x705x170 |
| 4 | 1301.2017 | 63 | TPS | NO | 19+1 | 11+1 | 500x805x170 |
| 5 | 1301.2019 | 78 | TPS | EXITS | 30+2 | 19+1 | 600x905x170 |
| 6 | 1301.2021 | 90 | TPS | EXITS | 38+2 | 22+2 | 700x905x170 |
| 7 | 1301.2023 | 104 | TPS | EXITS | 30+2 | 11+1 | 600x1105x170 |
| 8 | 1301.2025 | 120 | TPS | EXITS | 38+2 | 22+2 | 700x1105x170 |
| 9 | 1301.2027 | 150 | TPS | EXITS | 38+2 | 22+2 | 700x1305x170 |



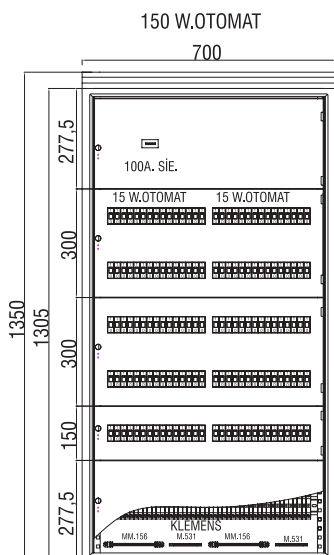
CODE NUMBER:
1301.2017



CODE NUMBER:
1301.2019



CODE NUMBER:
1301.2021



CODE NUMBER:
1301.2027



Wall Type Worksite Plug Enclosures

3400.1241



3400.1291

3400.1313



4000.3163

2210.0093



4000.3341 | 4000.3283

4000.3265



4000.3185

4000.3427



4000.2345 | 4000.3185

4000.2345



4000.3185

4000.3423



3300.1225

4000.3167

4000.3251



4000.2264

4000.3221

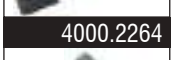
3300.1221



4000.3271

1990.1921

SIZE:300mm DOOR



4000.2264



4000.3211

4000.2345 | 4000.3185

Raw Material and Materials

Sheet : Galvanized sheet
Paint : RAL 7035 Epoxy Polyester
Seal : Polyurethane cast seal on cover
Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
Bottom Plate : 1.2 mm painted
Lock : Notched key, IP65 metal

Specifications and Intended Purpose

- 1 mm single part Monobloc body structure ensuring IP65 protection level
- With W automate distribution contact hazard protection and plug assembly plinth
- Contact hazard protection sheets are with teeth and hinge, easily dismantable
- Special design assembly screw with spring is used as handle
- Cable entries-exits are drilled at bottom upon request
- 1.0 mm-1.2 mm Internal assembly plinths
- 4 pieces of mounting ears fitting at sides

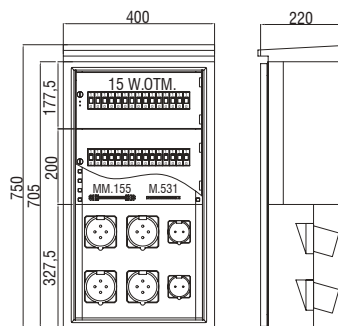
Area of Use

- External environments
- Internal moist and gaseous environments
- Mounted to the wall

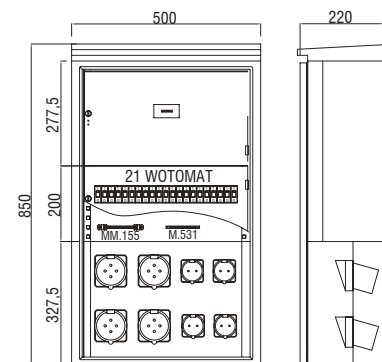
| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | NUMBER OF TPS | NUMBER OF MONOPHASE PLUGS | NUMBER OF THREE PHASE PLUGS | BUSBAR | | Enclosure SIZE WxLxD |
|---------|--------------|----------------------|---------------|---------------------------|-----------------------------|---------|--------|----------------------|
| | | | | | | NEUTRAL | GROUND | |
| 1 | 1301.7051 | 15 | 1 | 2 | 4 | 11+1 | 11+1 | 400x850x220 |
| 2 | 1301.7053 | 21 | 1 | 4 | 4 | 11+1 | 11+1 | 500x850x220 |
| 3 | 1301.7055 | 26 | 2 | 6 | 4 | 18+1 | 18+1 | 600x850x220 |



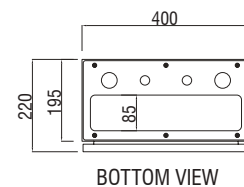
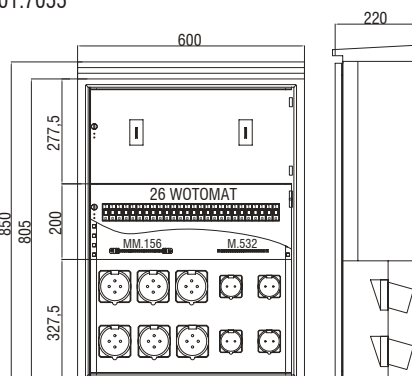
CODE NUMBER:
1301.7051



CODE NUMBER:
1301.7053



CODE NUMBER:
1301.7055



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom Plate : 1.2 mm painted
 Lock : Notched key, IP65 metal

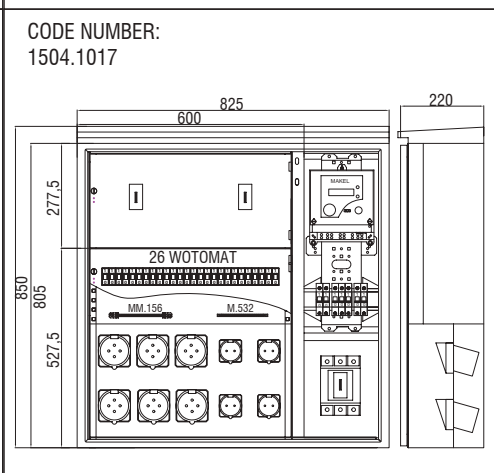
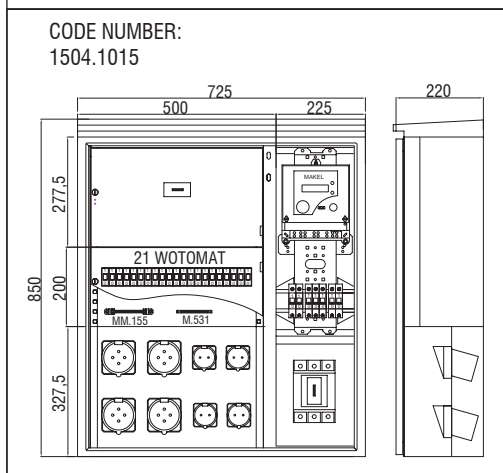
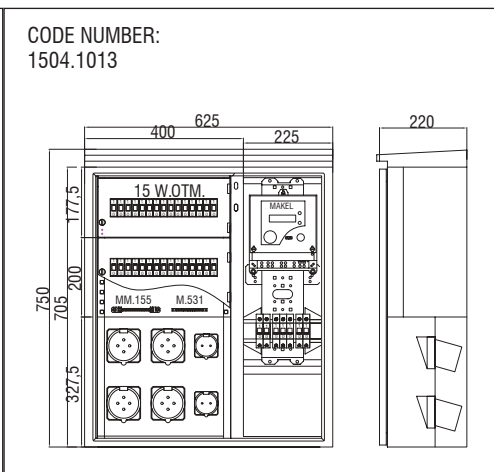
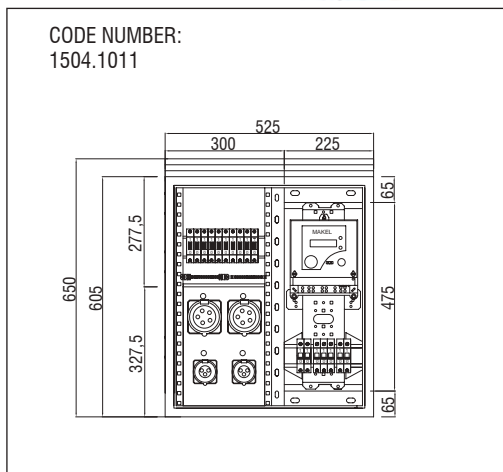
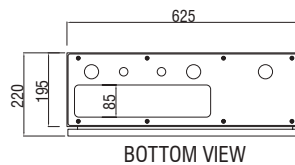
Specifications and Intended Purpose

- 1 mm single part Monobloc body structure ensuring IP65 protection level
- With W automate distribution contact hazard protection and plug assembly plinth
- Contact hazard protection sheets are with teeth and hinge, easily dismountable
- Special design assembly screw with spring is used as handle
- Cable entries-exits are drilled at bottom upon request
- 1.0 mm-1.2 mm Internal assembly plinths
- 4 pieces of mounting ears fitting at sides

Area of Use

- Outdoor field enclosure
- Mounted to wall
- Worksite plug distribution enclosure

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | NUMBER OF TPS | NUMBER OF MONOPHASE PLUGS | NUMBER OF THREE PHASE PLUGS | BUSBAR | | Enclosure SIZE WxLxD |
|---------|--------------|----------------------|---------------|---------------------------|-----------------------------|---------|--------|----------------------|
| | | | | | | NEUTRAL | GROUND | |
| 1 | 1504.1011 | 10 | - | 2 | 2 | 11+1 | 11+1 | 525x650x220 |
| 2 | 1504.1013 | 15 | - | 2 | 4 | 11+1 | 11+1 | 625x750x220 |
| 3 | 1504.1015 | 21 | 2 | 4 | 4 | 11+1 | 11+1 | 725x850x220 |
| 4 | 1504.1017 | 26 | 3 | 6 | 4 | 18+1 | 18+1 | 825x850x220 |



Wall Type Worksite Plug Enclosures

- 3400.1241
- 3400.1291
- 3400.1313
- 4000.3163
- 2210.0093
- 4000.3341 | 4000.3283
- 4000.3427
- 4000.2345 | 4000.3185
- 4000.3423
- 3300.1225
- 4000.3167
- 4000.3265
- 4000.2264
- 4000.3185
- 4000.2345
- 4000.3271
- 1990.1921
- SIZE: 300mm DOOR
- 4000.3251
- 4000.2345 | 4000.3185
- 3300.1221
- 3400.1725
- 4000.2264
- 4000.1015
- 4000.3211

Portable Footed Plug Enclosures

Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom Plate : 1.2 mm painted
 Lock : Notched key, IP65 metal

Specifications and Intended Purpose

- Monobloc body structure ensuring IP65 protection level
- Caps are with 1.2 mm polyurethane seal and mounted with guide screw at top.
- Two handles
- 150 mm height foot, with cable holes at sides
- Pingo foot for height adjustment

Area of Use

- Outdoor field enclosure
- Worksite plug distribution enclosure
- Fixed to ground or portable
- Patelliform design for not tumbling down

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | NUMBER OF MONOPHASE PLUGS | NUMBER OF THREE PHASE PLUGS | BUSBAR | | ENCLOSURE SIZE WxLxD |
|---------|--------------|----------------------|---------------------------|-----------------------------|---------|--------|----------------------|
| | | | | | NEUTRAL | GROUND | |
| 1 | 1301.9011 | 90 | 3 | 3 | 22+2 | 22+2 | 400x505x400 |
| 2 | 1301.9013 | 126 | 6 | 6 | 38+2 | 22+2 | 500x805x450 |
| 3 | 1301.9015 | 126 | 9 | 9 | 38+2 | 22+2 | 500x805x600 |
| 4 | 1301.9017 | 126 | 12 | 12 | 38+2 | 22+2 | 500x805x750 |

3400.1241



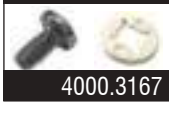
3400.1291

3400.1313



4000.3163

4000.3423



4000.3167

4000.2125



4000.3221

M.208



4000.2287

1990.1921

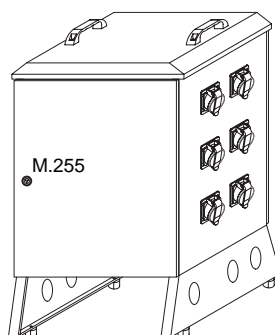


4000.2345 4000.3185

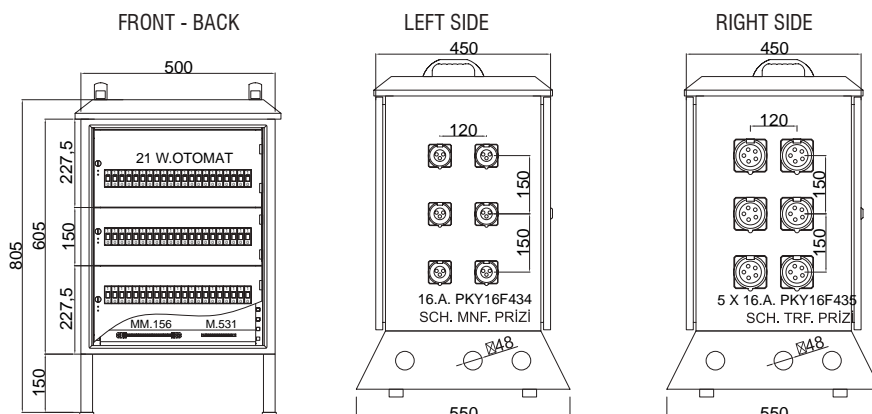
3400.1523



4000.3185 4000.3237



Technical drawings given below are the samples prepared for a dimension.



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom Plate : 1.2 mm painted
 Lock : Notched key, IP65 metal

Specifications and Intended Purpose

- Monobloc body structure ensuring IP65 protection level
- Caps are with 1.2 mm polyurethane seal and mounted with guide screw at top.
- Two handles
- 600 mm height foot,
- 1.0mm-1.2 mm Internal Assembly Plinths
- Footed plug enclosure

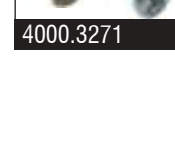
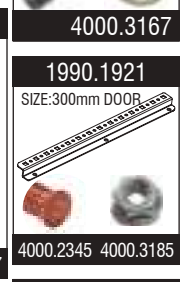
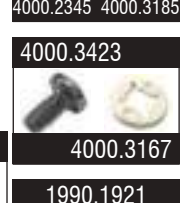
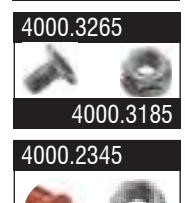
Area of Use

- Outdoor field enclosure
- Fixed to wall with screw for not tumbling down
- Worksite plug enclosure

| LIST NO | PRODUCT CODE | NUMBER OF W.AUTOMATE | NUMBER OF TPS | NUMBER OF MONOPHASE PLUGS | NUMBER OF THREE PHASE PLUGS | BUSBAR | | ENCLOSURE SIZE WxLxD |
|---------|--------------|----------------------|---------------|---------------------------|-----------------------------|---------|--------|----------------------|
| | | | | | | NEUTRAL | GROUND | |
| 1 | 1301.8011 | 15 | 1 | 3 | 3 | 11+1 | 11+1 | 400x1150x220 |
| 2 | 1301.8013 | 21 | 1 | 4 | 4 | 11+1 | 11+1 | 500x1150x220 |
| 3 | 1301.8015 | 30 | 1 | 6 | 6 | 11+1 | 11+1 | 400x1250x295 |
| 4 | 1301.8017 | 42 | 2 | 8 | 8 | 18+1 | 11+1 | 500x1350x295 |
| 5 | 1301.8019 | 52 | 2 | 10 | 10 | 18+1 | 11+1 | 600x1350x295 |
| 6 | 1301.8021 | 60 | 2 | 12 | 12 | 29+2 | 18+1 | 700x1350x295 |

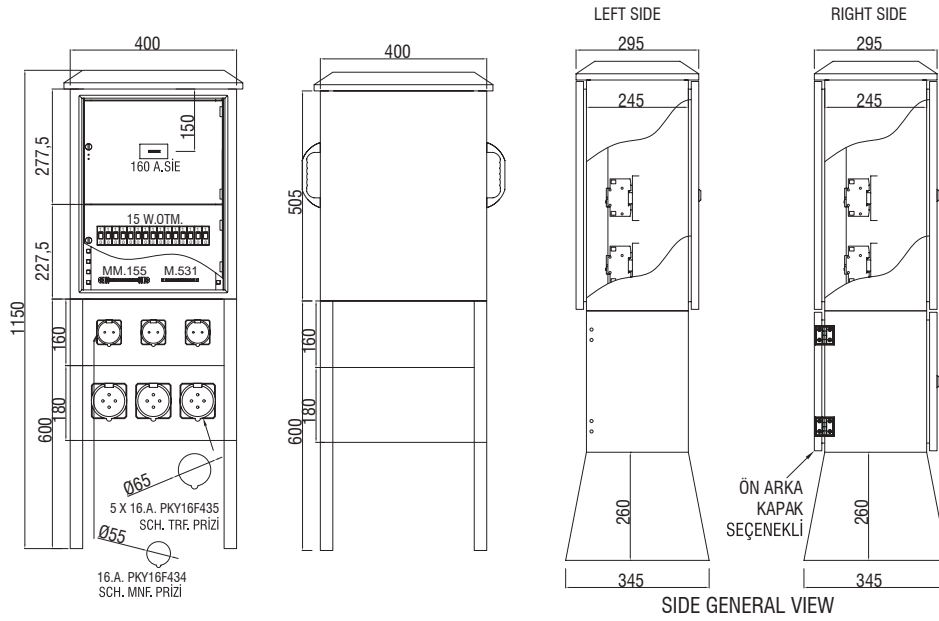


Footed Worksite Plug Enclosures

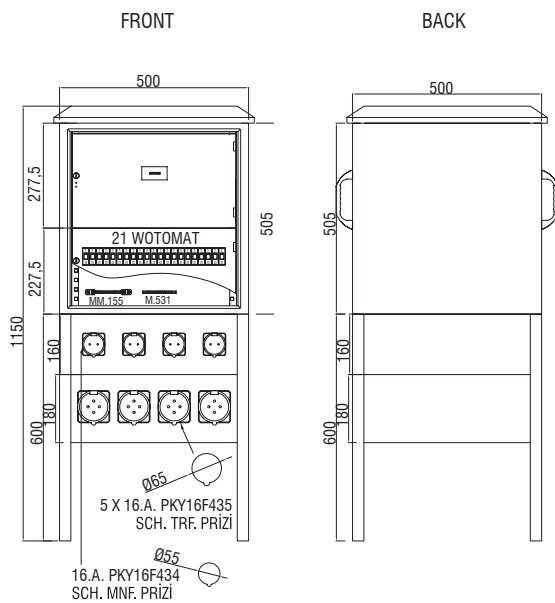


Worksite Plug Enclosures

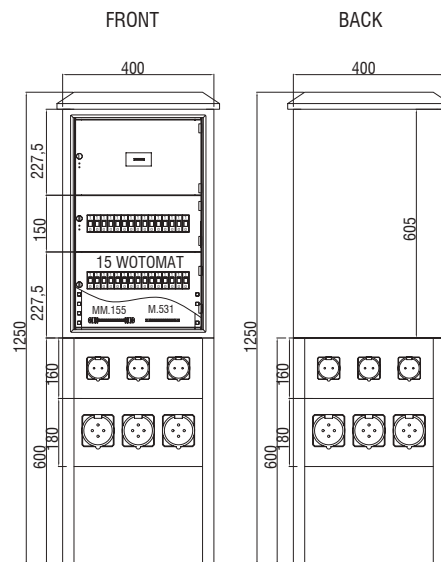
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1301.8011



CODE NUMBER:
1301.8013

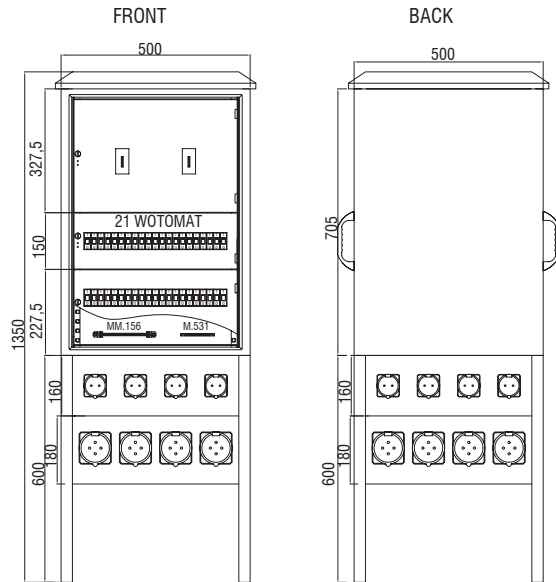


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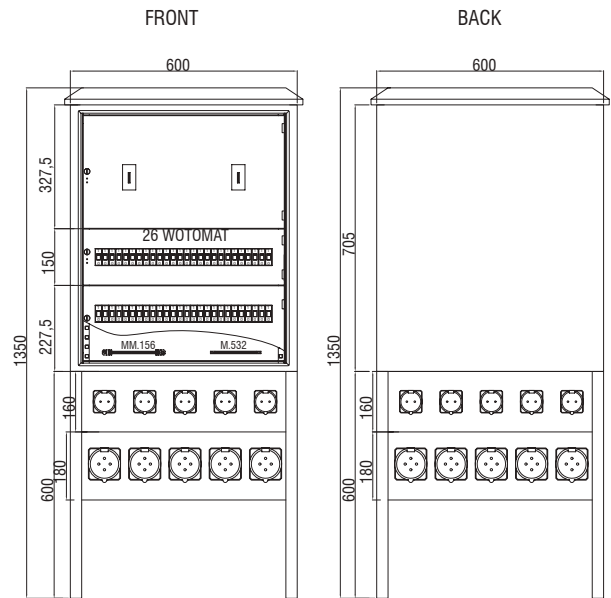


Worksite Plug Enclosures

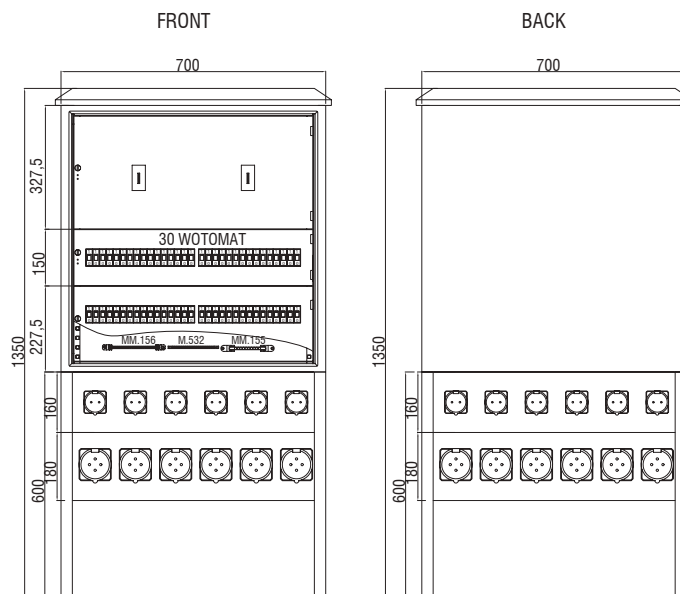
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1301.8017



CODE NUMBER:
1301.8019



CODE NUMBER:
1301.8021



3400.1241



3400.1291

3400.1313



4000.3163

4000.3265



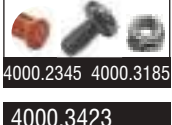
4000.3185

4000.2345



4000.3185

4000.3427



4000.2345 4000.3185

4000.3423



4000.3167

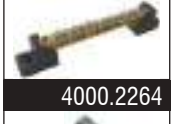
1990.1921

BOY:300mm KAPI



4000.2345 4000.3185

3300.1221



4000.2264



4000.3211

3300.1225



4000.2264



4000.3271

3400.1523



4000.3185 4000.3237

3400.1725



4000.1015

Footed Worksite Plug Enclosures (with counter)

Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom Plate : 1.2 mm painted
 Lock : Notched key, IP65 metal

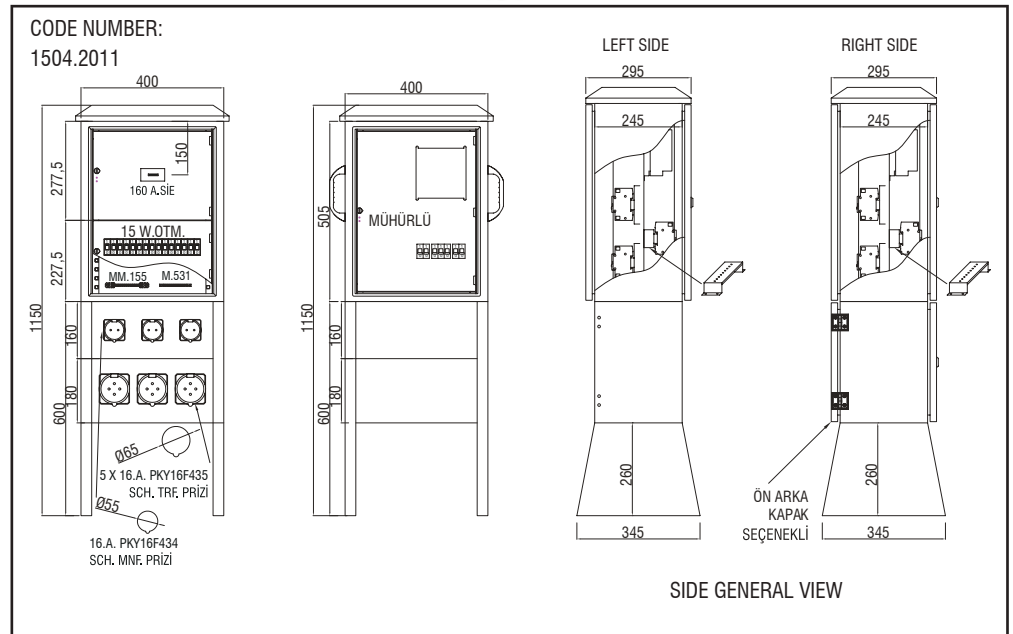
Specifications and Intended Purpose

- Monobloc body structure ensuring IP55-IP65 protection level
- Caps are with 1.2 mm polyurethane seal and mounted with guide screw at top.
- Two handles
- 600 mm height foot
- 1.0-1.2 mm Internal Assembly Cases
- Three phase plug enclosure

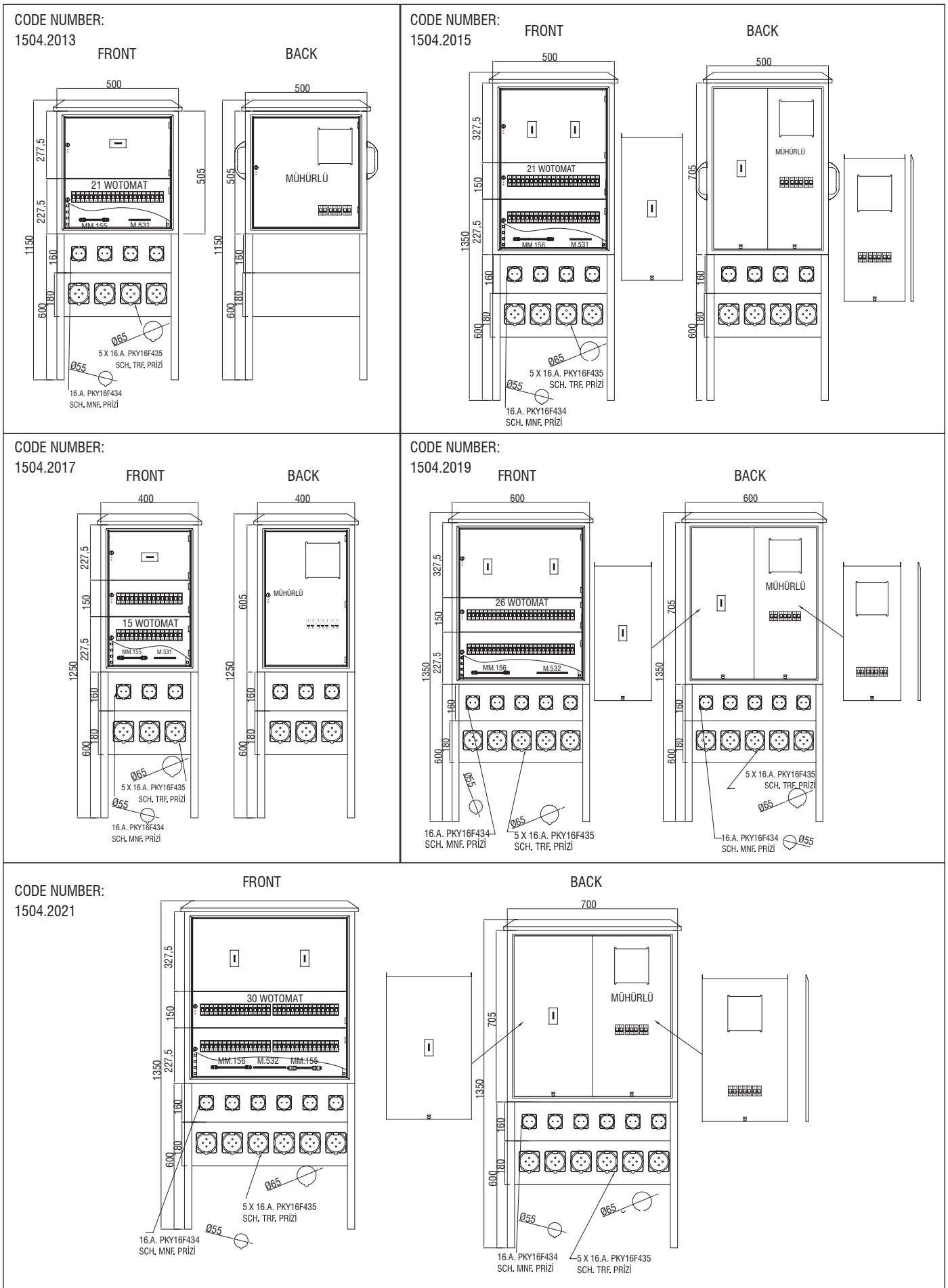
Area of Use

- Outdoor field enclosure
- Worksite plug enclosure
- Fixed to ground with screw to avoid tumbling down

| LIST NO | PRODUCT CODE | SAYAÇ BÖLÜMÜ | NUMBER OF W.AUTOMATE | NUMBER OF TPS | NUMBER OF MONOPHASE PLUGS | NUMBER OF THREE PHASE PLUGS | BUSBAR | | ENCLOSURE SIZE WxLxD |
|---------|--------------|--------------|----------------------|---------------|---------------------------|-----------------------------|---------|--------|----------------------|
| | | | | | | | NEUTRAL | GROUND | |
| 1 | 1504.2011 | 1 | 15 | 1 | 3 | 3 | 11+1 | 11+1 | 400x1150x220 |
| 2 | 1504.2013 | 1 | 30 | 1 | 6 | 6 | 11+1 | 11+1 | 400x1250x295 |
| 3 | 1504.2015 | 1 | 21 | 1 | 4 | 4 | 11+1 | 11+1 | 500x1150x220 |
| 4 | 1504.2017 | 1 | 42 | 1 | 8 | 8 | 18+1 | 11+1 | 500x1350x295 |
| 5 | 1504.2019 | 1 | 52 | 1 | 10 | 10 | 18+1 | 11+1 | 600x1350x295 |
| 6 | 1504.2021 | 1 | 60 | 1 | 12 | 12 | 29+2 | 18+1 | 700x1350x295 |



Footed Worksite Plug Enclosures (with counter)



Wall Leaning Ground Type Surface Mounted Outdoor Enclosures



Raw Material and Materials

Sheet : Galvanized sheet
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal on cover
 Screws : SST8

Hinge : Hidden, welded to aluminum-body cover
 Bottom Plate : 1.2 mm painted
 Lock : Espagnolette handle padlock

Specifications and Intended Purpose

- Monobloc body structure ensuring IP55-IP65 protection level
- Caps are with 1.5 mm polyurethane seal and mounted with guide screw at top.
- Plinths are dismantable right-left whole, front-back with two screws
- Mounted to floor or wall

Area of Use

- Outdoor
- Indoor, moist and wet areas
- Flammable and explosive environments

Options of Use

- With longitudinal assembly plate
- With partitioned assembly plate
- With internal cover (with contact hazard protection)

| Width: 500 mm Depth: 270 mm | | | |
|-----------------------------|--------------|---------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE |
| 1 | 2026.1013 | 605 | 420x555 |
| 2 | 2026.1015 | 705 | 420x655 |
| 3 | 2026.1017 | 805 | 420x755 |
| 4 | 2026.1019 | 905 | 420x855 |
| 5 | 2026.1021 | 1005 | 420x955 |
| 6 | 2026.1023 | 1105 | 420x1055 |

| Width: 600 mm Depth: 270 mm | | | |
|-----------------------------|--------------|---------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE |
| 1 | 2026.1031 | 605 | 520x555 |
| 2 | 2026.1033 | 705 | 520x655 |
| 3 | 2026.1035 | 805 | 520x755 |
| 4 | 2026.1037 | 905 | 520x855 |
| 5 | 2026.1039 | 1005 | 520x955 |
| 6 | 2026.1041 | 1105 | 520x1055 |
| 7 | 2026.1043 | 1205 | 520x1155 |

| Width: 700 mm Depth: 270 mm | | | |
|-----------------------------|--------------|---------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE |
| 1 | 2026.1051 | 705 | 620x655 |
| 2 | 2026.1053 | 805 | 620x755 |
| 3 | 2026.1055 | 905 | 620x855 |
| 4 | 2026.1057 | 1005 | 620x955 |
| 5 | 2026.1059 | 1105 | 620x1055 |
| 6 | 2026.1061 | 1205 | 620x1155 |
| 7 | 2026.1063 | 1305 | 620x1255 |

| Width: 800 mm Depth: 270 mm | | | |
|-----------------------------|--------------|---------------------|----------------|
| LIST NO | PRODUCT CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE |
| 1 | 2026.1071 | 805 | 720x755 |
| 2 | 2026.1073 | 905 | 620x855 |
| 3 | 2026.1075 | 1005 | 620x955 |
| 4 | 2026.1077 | 1105 | 620x1055 |
| 5 | 2026.1079 | 1205 | 620x1155 |
| 6 | 2026.1081 | 1305 | 620x1255 |
| 7 | 2026.1083 | 1405 | 620x1355 |



Monobloc with high protection level
 Mountable to floor and wall
 Economic solution.



3400.1255



3400.1273



4000.3433 4000.3431

3400.1327



4000.2185

2210.0093



4000.3341 4000.3283

4000.3239



4000.3185 4000.3163

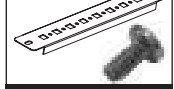
4000.3423



4000.3167

1990.1951

EN:400mm DOOR



4000.3423

1990.1921

BOY:300mm DOOR



















4000.2345 4000.3185







3400.1691



4000.2343 4000.2183

Wall Leaning Floor and Wall Type Enclosure Parts

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Wall Leaning Floor Type Front and Back Plinth Covers  261 | <ul style="list-style-type: none"> • Wall Type Enclosure Doors  268 |
| <ul style="list-style-type: none"> • Wall Leaning Floor Type Side Plinths  262 | <ul style="list-style-type: none"> • Wall Type Enclosure Doors with Glass  269 |
| <ul style="list-style-type: none"> • Wall Leaning Floor Type Enclosure 263 Shutter IP Protections  | <ul style="list-style-type: none"> • Wall Type Outdoor Enclosure Caps  270 |
| <ul style="list-style-type: none"> • Wall Leaning Floor Type Enclosure Assembly Plates  263 | <ul style="list-style-type: none"> • Wall Type Enclosure Top-Bottom Plates  271 |
| <ul style="list-style-type: none"> • Wall Type Surface Mounted Enclosure Carcasss  264 | <ul style="list-style-type: none"> • Wall Type Contact hazard protection Carriers  272 |
| <ul style="list-style-type: none"> • Wall Type Enclosure Assembly Plates 266  | <ul style="list-style-type: none"> • M5 Special Contact hazard protection Screw  272 |
| <ul style="list-style-type: none"> • Wall Type Enclosure Door Z Reinforcements  267 | <ul style="list-style-type: none"> • Wall Type Flush-Surface Mounted Bottom-Top CHP Space Closers  273 |
| <ul style="list-style-type: none"> • Wall Type Enclosure Door Interim Reinforcement Bridges  267 | <ul style="list-style-type: none"> • Wall Type Flush-Surface Mounted Enclosure CHP Space Closers  274 |

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Wall Type W. Automate Rails 278  | <ul style="list-style-type: none"> • Wall Type Distribution Enclosure RST Busbar Assembly Plate 279  |
| <ul style="list-style-type: none"> • Wall Type W. Automate Rail Carriers 278  | <ul style="list-style-type: none"> • Eva Seal Flanges 280  |
| <ul style="list-style-type: none"> • Wall Type Enclosure Brushes (30 mm) 279  | <ul style="list-style-type: none"> • Metal Flanges 280  |

Wall Leaning Floor Type Front and Back Plinth Covers

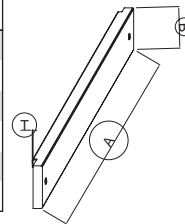
Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester

► Specifications and Intended Purpose

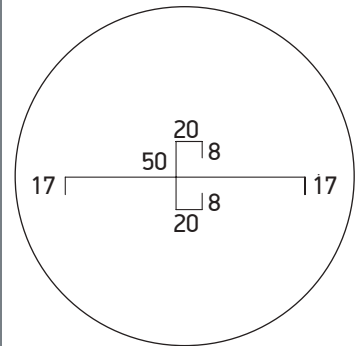
- Easy dismantlable with two screws
- Can be used rightward and leftward with four-corner part foot (plinth)
- Double twisted for strength



| LIST NO | PART CODE | PART HEIGHT (mm) | ENCLOSURE WIDHT (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|------------------|----------------------|-------------|----------------|
| 1 | 1990.1501 | 50 | 300 | 0,120 | 192 |
| 2 | 1990.1503 | | 400 | 0,220 | 292 |
| 3 | 1990.1505 | | 500 | 0,310 | 392 |
| 4 | 1990.1507 | | 600 | 0,410 | 492 |
| 5 | 1990.1509 | | 700 | 0,510 | 592 |
| 6 | 1990.1511 | | 800 | 0,600 | 692 |

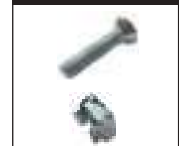


Twist Feature



A set of 4 screws is used in the front-back plinth assembly

4000.3409

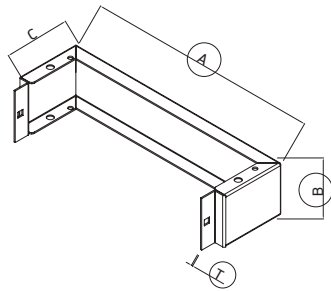
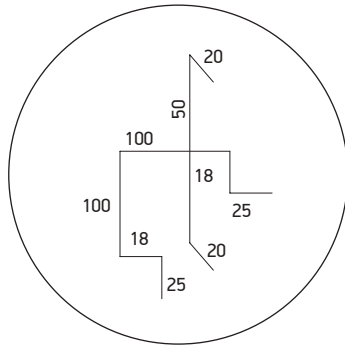


4000.3223



Wall Leaning Floor Type Side Plinths

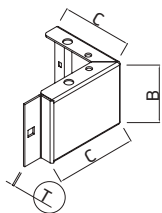
Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 RAL 9005 Epoxy Polyester (optional)



► Specifications and Intended Purpose

- Front-back closers are dismantlable with two screws
- Whole strength provider toward enclosure depth
- Corner part, right-left screw plinth option

| LIST NO | PART CODE | PLINTH HEIGHT (mm) | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|--------------------|----------------------|-------------|----------------|
| 1 | 1990.1531 | 50 | CORNER | 0,284 | 100 |



| LIST NO | PART CODE | PLINTH HEIGHT (mm) | ENCLOSURE DEPTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|--------------------|----------------------|-------------|----------------|
| 1 | 1990.1533 | 50 | 170 | 0,226 | 145 |
| 2 | 1990.1535 | | 220 | 0,477 | 195 |
| 3 | 1990.1537 | | 270 | 0,527 | 245 |



Wall Leaning Floor Type Monobloc Erect Enclosure Ventilation Shutter IP55 Protection Cover

SSheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal



► Specifications and Intended Purpose

- Mounted internally in place with M6 guide screw
- Ventilation shutter protect for IP55 protection

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|-----------------------------------------|-------------|
| 1 | 1990.1551 | 150x150 Ventilation IP55 Protection Cap | 1,000 |
| 2 | 1990.1553 | 220x220 Ventilation IP55 Protection Cap | 1,870 |

1990.1551

Ventilation
Enclosure
Cover



1990.1553

Ventilation
Enclosure
(Big)



Wall Leaning Floor Type Enclosure Assembly Plates

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted galvanized
 Twist Feature : 15 mm



Specifications and Intended Purpose

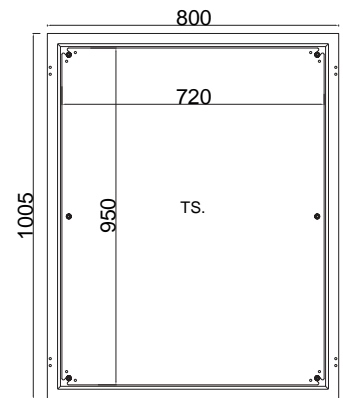
- Mounted to enclosure bottom
- For assembly of electrical materials

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1581 | 500x605 | 420x555 | 2,454 | 1,2 |
| 2 | 1990.1583 | 500x705 | 420x655 | 2,885 | |
| 3 | 1990.1585 | 500x805 | 420x755 | 3,315 | |
| 4 | 1990.1587 | 500x905 | 420x855 | 3,745 | |
| 5 | 1990.1589 | 500x1005 | 420x955 | 4,176 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1601 | 600x605 | 520x555 | 3,000 | 1,2 |
| 2 | 1990.1603 | 600x705 | 520x655 | 3,385 | |
| 3 | 1990.1605 | 600x805 | 520x755 | 3,890 | |
| 4 | 1990.1607 | 600x905 | 520x855 | 4,140 | |
| 5 | 1990.1609 | 600x1005 | 520x955 | 4,900 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1611 | 700x605 | 620x555 | 3,500 | 1,2 |
| 2 | 1990.1613 | 700x705 | 620x655 | 4,150 | |
| 3 | 1990.1615 | 700x805 | 620x755 | 4,780 | |
| 4 | 1990.1617 | 700x905 | 620x855 | 5,380 | |
| 5 | 1990.1619 | 700x1005 | 620x955 | 6,000 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1621 | 800x605 | 720x555 | 4,100 | 1,2 |
| 2 | 1990.1623 | 800x705 | 720x655 | 4,800 | |
| 3 | 1990.1625 | 800x805 | 720x755 | 5,500 | |
| 4 | 1990.1627 | 800x905 | 720x855 | 6,210 | |
| 5 | 1990.1629 | 800x1005 | 720x955 | 6,950 | |



Wall Type Surface Mounted Enclosure Carcass

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.0-1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Twist Feature : With IP65 protection feature

Specifications and Intended Purpose

- Transformable as Contact Hazard Protection and assembly plate
- IP40-IP55-IP65 Protections are ensured (optional)
- With wall mounting ear
- Available for easily opening cable holes, bottom and top plate with screw
- Material as needed to reduce the cost



| LIST NO | PART CODE | DIMENSION WxLxD | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|-----------------|-------------|----------------|
| 1 | 1990.1681 | 300x305x170 | 2,098 | 1,0 |
| 2 | 1990.1683 | 300x405x170 | 2,629 | |
| 3 | 1990.1685 | 300x505x170 | 3,160 | |
| 4 | 1990.1687 | 300x605x170 | 3,692 | |
| 5 | 1990.1689 | 300x705x170 | 4,223 | |
| 6 | 1990.1691 | 300x805x170 | 4,754 | |

| LIST NO | PART CODE | DIMENSION WxLxD | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|-----------------|-------------|----------------|
| 1 | 1990.1701 | 400x405x170 | 3,070 | 1,0 |
| 2 | 1990.1703 | 400x505x170 | 3,679 | |
| 3 | 1990.1705 | 400x605x170 | 4,299 | |
| 4 | 1990.1707 | 400x705x170 | 4,898 | |
| 5 | 1990.1709 | 400x805x170 | 5,507 | |
| 6 | 1990.1711 | 400x905x170 | 6,116 | |

Wall Type Surface Mounted Enclosure Carcass

| LIST NO | PART CODE | DIMENSION WxLxD | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|-----------------|-------------|----------------|
| 1 | 1990.1721 | 500x505x170 | 4,620 | 1,0 |
| 2 | 1990.1723 | 500x605x170 | 5,385 | |
| 3 | 1990.1725 | 500x705x170 | 6,150 | |
| 4 | 1990.1727 | 500x805x170 | 6,915 | |
| 5 | 1990.1729 | 500x905x170 | 7,681 | |
| 6 | 1990.1731 | 500x1005x170 | 8,446 | |

| LIST NO | PART CODE | DIMENSION WxLxD | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|-----------------|-------------|----------------|
| 1 | 1990.1741 | 600x605x220 | 7,178 | 1,2 |
| 2 | 1990.1743 | 600x705x220 | 8,190 | |
| 3 | 1990.1745 | 600x805x220 | 9,202 | |
| 4 | 1990.1747 | 600x905x220 | 10,214 | |
| 5 | 1990.1749 | 600x1005x220 | 11,225 | |
| 6 | 1990.1751 | 600x1105x220 | 12,237 | |
| 7 | 1990.1753 | 600x1205x220 | 13,249 | |

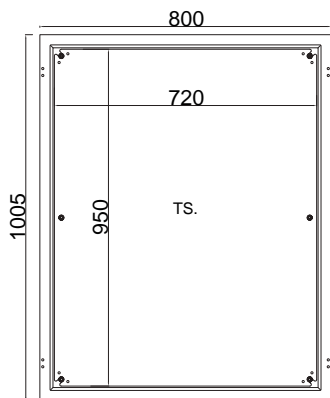
| LIST NO | PART CODE | DIMENSION WxLxD | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|-----------------|-------------|----------------|
| 1 | 1990.1761 | 700x705x220 | 9,000 | 1,2 |
| 2 | 1990.1763 | 700x805x220 | 10,105 | |
| 3 | 1990.1765 | 700x905x220 | 11,210 | |
| 4 | 1990.1767 | 700x1005x220 | 12,316 | |
| 5 | 1990.1769 | 700x1105x220 | 13,421 | |
| 6 | 1990.1771 | 700x1205x220 | 14,527 | |
| 7 | 1990.1773 | 700x1305x220 | 15,632 | |

| LIST NO | PART CODE | DIMENSION WxLxD | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|-----------------|-------------|----------------|
| 1 | 1990.1781 | 800x805x270 | 11,795 | 1,2 |
| 2 | 1990.1783 | 800x905x270 | 13,088 | |
| 3 | 1990.1785 | 800x1005x270 | 14,381 | |
| 4 | 1990.1787 | 800x1105x270 | 15,673 | |
| 5 | 1990.1789 | 800x1205x270 | 16,966 | |
| 6 | 1990.1791 | 800x1305x270 | 18,259 | |
| 7 | 1990.1793 | 800x1405x270 | 19,551 | |



Wall Type Enclosure Assembly Plates

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.0-1.2 mm
 Paint : Unpainted galvanize
 Twist Feature : 15 mm



Specifications and Intended Purpose

- Mounted to the enclosure bottom
- For assembly of electrical materials

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1811 | 300x305 | 230x250 | 0,546 | 1,0 |
| 2 | 1990.1813 | 300x405 | 230x350 | 0,741 | |
| 3 | 1990.1815 | 300x505 | 230x450 | 1,048 | |
| 4 | 1990.1817 | 300x605 | 230x550 | 1,131 | |
| 5 | 1990.1819 | 300x705 | 230x650 | 1,336 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1831 | 400x405 | 330x350 | 1,037 | 1,0 |
| 2 | 1990.1833 | 400x505 | 330x450 | 1,310 | |
| 3 | 1990.1835 | 400x605 | 330x550 | 1,583 | |
| 4 | 1990.1837 | 400x705 | 330x650 | 1,856 | |
| 5 | 1990.1839 | 400x805 | 330x750 | 2,129 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1851 | 500x505 | 420x450 | 2,022 | 1,2 |
| 2 | 1990.1853 | 500x605 | 420x550 | 2,443 | |
| 3 | 1990.1855 | 500x705 | 420x650 | 2,864 | |
| 4 | 1990.1857 | 500x805 | 420x750 | 3,285 | |
| 5 | 1990.1859 | 500x905 | 420x850 | 3,706 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1871 | 600x605 | 520x550 | 2,985 | 1,2 |
| 2 | 1990.1873 | 600x705 | 520x650 | 3,500 | |
| 3 | 1990.1875 | 600x805 | 520x750 | 4,015 | |
| 4 | 1990.1877 | 600x905 | 520x850 | 4,530 | |
| 5 | 1990.1879 | 600x1005 | 520x950 | 5,045 | |

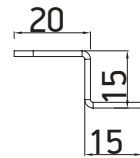
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|---------------------|-------------|----------------|
| 1 | 1990.1891 | 700x705 | 620x650 | 4,137 | 1,2 |
| 2 | 1990.1893 | 700x805 | 620x750 | 4,745 | |
| 3 | 1990.1895 | 700x905 | 620x850 | 5,354 | |
| 4 | 1990.1897 | 700x1005 | 620x950 | 5,962 | |
| 5 | 1990.1899 | 700x1105 | 620x1050 | 6,570 | |

| LIST NO | PART CODE | Enclosure SIZE | ASSEMBLY PLATE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|----------------|---------------------|-------------|----------------|
| 1 | 1990.1911 | 800x805 | 620x750 | 5,475 | 1,2 |
| 2 | 1990.1913 | 800x905 | 620x850 | 6,177 | |
| 3 | 1990.1915 | 800x1005 | 620x950 | 6,879 | |
| 4 | 1990.1917 | 800x1105 | 620x1050 | 7,581 | |
| 5 | 1990.1919 | 800x1205 | 720x1150 | 8,283 | |



Wall Type Enclosure Door Z Reinforcements

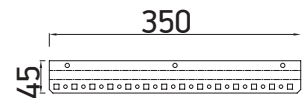
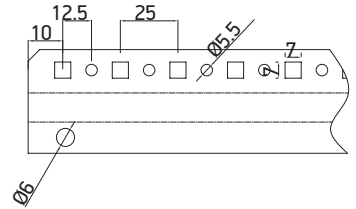
Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted galvanize
 Twist Feature : 20+15+15 mm



Specifications and Intended Purpose

- The cover is mounted with M5x10 centre screw
- For increasing door strength and cable carrier bridge assembly
- Cable carrier is mounted to this part with M5 guide screw

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | PART SIZE (mm) | WEIGHT (kg) |
|---------|-----------|---------------------|----------------|-------------|
| 1 | 1990.1921 | 300 | 200 | 0,093 |
| 2 | 1990.1923 | 400 | 300 | 0,140 |
| 3 | 1990.1925 | 500 | 400 | 0,187 |
| 4 | 1990.1927 | 600 | 500 | 0,234 |
| 5 | 1990.1929 | 700 | 600 | 0,280 |
| 6 | 1990.1931 | 800 | 700 | 0,327 |
| 7 | 1990.1933 | 900 | 800 | 0,374 |
| 8 | 1990.1935 | 1000 | 900 | 0,421 |
| 9 | 1990.1937 | 1100 | 1000 | 0,468 |
| 10 | 1990.1939 | 1200 | 1100 | 0,514 |



Wall Type Enclosure Door Interim Reinforcement Bridges

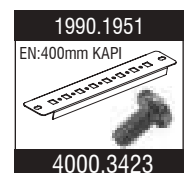
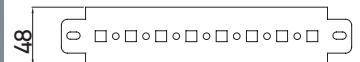
Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted galvanize
 Twist Feature : 11+11 mm



Specifications and Intended Purpose

- Welded to the cover, mounted to the Z reinforcement with two screws from bottom to top
- For increasing door strength and cable carrier bridge assembly
- Cable carrier is mounted to this part with M5 guide screw

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | PART SIZE (mm) | WEIGHT (kg) |
|---------|-----------|---------------------|----------------|-------------|
| 1 | 1990.1951 | 400 | 240 | 0,110 |
| 2 | 1990.1953 | 500 | 340 | 0,150 |
| 3 | 1990.1955 | 600 | 440 | 0,200 |
| 4 | 1990.1957 | 700 | 540 | 0,240 |
| 5 | 1990.1959 | 800 | 640 | 0,290 |



Wall Type Enclosure Doors

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.0-1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Seal : Polyurethane cast seal
 Lock : With notched key IP65 metal clips and handle



| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-------------|----------------|
| 1 | 1990.1971 | 300x305 | 294x299 | 0,831 | 1,0 |
| 2 | 1990.1973 | 300x405 | 294x399 | 1,085 | |
| 3 | 1990.1975 | 300x505 | 294x499 | 1,338 | |
| 4 | 1990.1977 | 300x605 | 294x599 | 1,592 | |
| 5 | 1990.1979 | 300x705 | 294x699 | 1,845 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-------------|----------------|
| 1 | 1990.1991 | 400x405 | 394x399 | 1,419 | 1,0 |
| 2 | 1990.1993 | 400x505 | 394x499 | 1,750 | |
| 3 | 1990.1995 | 400x605 | 394x599 | 2,082 | |
| 4 | 1990.1997 | 400x705 | 394x699 | 2,413 | |
| 5 | 1990.1999 | 400x805 | 394x799 | 2,745 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-------------|----------------|
| 1 | 1990.2011 | 500x505 | 494x499 | 2,162 | 1,0 |
| 2 | 1990.2013 | 500x605 | 494x599 | 2,571 | |
| 3 | 1990.2015 | 500x705 | 494x699 | 2,981 | |
| 4 | 1990.2017 | 500x805 | 494x799 | 3,390 | |
| 5 | 1990.2019 | 500x905 | 494x899 | 3,800 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-------------|----------------|
| 1 | 1990.2031 | 600x605 | 594x599 | 3,061 | 1,0 |
| 2 | 1990.2033 | 600x705 | 594x699 | 3,549 | |
| 3 | 1990.2035 | 600x805 | 594x799 | 4,036 | |
| 4 | 1990.2037 | 600x905 | 594x899 | 4,524 | |
| 5 | 1990.2039 | 600x1005 | 594x999 | 5,011 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-------------|----------------|
| 1 | 1990.2051 | 700x705 | 694x699 | 4,117 | 1,0 |
| 2 | 1990.2053 | 700x805 | 694x799 | 4,682 | |
| 3 | 1990.2055 | 700x905 | 694x899 | 5,248 | |
| 4 | 1990.2057 | 700x1005 | 694x999 | 5,813 | |
| 5 | 1990.2059 | 700x1105 | 694x1099 | 6,379 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-------------|----------------|
| 1 | 1990.2071 | 800x805 | 794x799 | 6,394 | 1,2 |
| 2 | 1990.2073 | 800x905 | 794x899 | 7,166 | |
| 3 | 1990.2075 | 800x1005 | 794x999 | 7,938 | |
| 4 | 1990.2077 | 800x1105 | 794x1099 | 8,710 | |
| 5 | 1990.2079 | 800x1205 | 794x1199 | 9,482 | |



Wall type enclosure glass doors

| | |
|--------------|----------------------------------------------------------------|
| Sheet | : galvanized sheet |
| Thickness | : sheet thickness of 1.0-1.2 mm |
| Paint | : RAL 7035 Epoxy polyester |
| Washer | : polyurethane cast washer |
| Lock | : steel switch with IP65 protection and metal clips and handle |
| Glass | : 4mm tempered flat glass |
| Glass gluing | : Polyurethane Fermudar |



Note: In glass doors, specific weight has been calculated without glass weight, which has been added later.

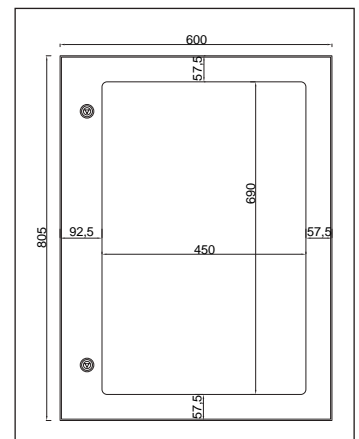
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | PINE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-----------|-------------|----------------|
| 1 | 1990.2091 | 400x405 | 394x399 | 250x290 | 2,296 | 1,0 |
| 2 | 1990.2093 | 400x505 | 394x499 | 250x390 | 2,989 | |
| 3 | 1990.2095 | 400x605 | 394x599 | 250x490 | 3,624 | |
| 4 | 1990.2097 | 400x705 | 394x699 | 250x590 | 4,258 | |
| 5 | 1990.2099 | 400x805 | 394x799 | 250x690 | 4,892 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | PINE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-----------|-------------|----------------|
| 1 | 1990.2111 | 500x505 | 494x499 | 350x390 | 3,861 | 1,0 |
| 2 | 1990.2113 | 500x605 | 494x599 | 350x490 | 4,684 | |
| 3 | 1990.2115 | 500x705 | 494x699 | 350x590 | 5,508 | |
| 4 | 1990.2117 | 500x805 | 494x799 | 350x690 | 6,332 | |
| 5 | 1990.2119 | 500x905 | 494x899 | 350x790 | 7,156 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | PINE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-----------|-------------|----------------|
| 1 | 1990.2131 | 600x605 | 594x599 | 450x490 | 5,746 | 1,0 |
| 2 | 1990.2133 | 600x705 | 594x699 | 450x590 | 6,760 | |
| 3 | 1990.2135 | 600x805 | 594x799 | 450x690 | 7,773 | |
| 4 | 1990.2137 | 600x905 | 594x899 | 450x790 | 8,788 | |
| 5 | 1990.2139 | 600x1005 | 594x999 | 450x890 | 9,801 | |

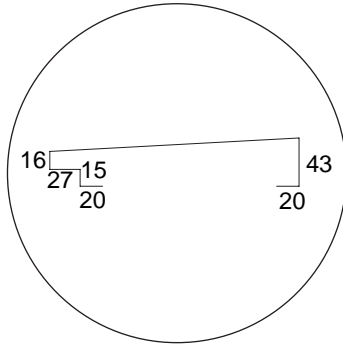
| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | PINE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-----------|-------------|----------------|
| 1 | 1990.2151 | 700x705 | 694x699 | 550x590 | 8,011 | 1,0 |
| 2 | 1990.2153 | 700x805 | 694x799 | 550x690 | 9,214 | |
| 3 | 1990.2155 | 700x905 | 694x899 | 550x790 | 10,419 | |
| 4 | 1990.2157 | 700x1005 | 694x999 | 550x890 | 11,622 | |
| 5 | 1990.2159 | 700x1105 | 694x1099 | 550x990 | 12,827 | |

| LIST NO | PART CODE | ENCLOSURE SIZE (mm) | DOOR SIZE | PINE SIZE | WEIGHT (kg) | THICKNESS (mm) |
|---------|-----------|---------------------|-----------|-----------|-------------|----------------|
| 1 | 1990.2171 | 800x805 | 794x799 | 650x690 | 11,622 | 1,2 |
| 2 | 1990.2173 | 800x905 | 794x899 | 650x790 | 13,254 | |
| 3 | 1990.2175 | 800x1005 | 794x999 | 650x890 | 14,766 | |
| 4 | 1990.2177 | 800x1105 | 794x1099 | 650x990 | 16,289 | |
| 5 | 1990.2179 | 800x1205 | 794x1199 | 650x1090 | 17,811 | |



Wall Type Outdoor Enclosure Caps

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Welding places are with polishing liner
 Seal : Polyurethane cast seal



| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | CAP DEPTH (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 1990.2191 | 300 | 1,170 | 170 |
| 2 | 1990.2193 | 400 | 1,460 | 170 |
| 3 | 1990.2195 | 500 | 1,740 | 170 |
| 4 | 1990.2197 | 600 | 2,020 | 170 |
| 5 | 1990.2199 | 700 | 2,310 | 170 |
| 6 | 1990.2201 | 800 | 2,560 | 170 |
| 7 | 1990.2211 | 300 | 1,370 | 220 |
| 8 | 1990.2213 | 400 | 1,700 | 220 |
| 9 | 1990.2215 | 500 | 2,030 | 220 |
| 10 | 1990.2217 | 600 | 2,360 | 220 |
| 11 | 1990.2219 | 700 | 2,690 | 220 |
| 12 | 1990.2221 | 800 | 3,020 | 220 |
| 13 | 1990.2231 | 300 | 1,570 | 270 |
| 14 | 1990.2233 | 400 | 1,940 | 270 |
| 15 | 1990.2235 | 500 | 2,320 | 270 |
| 16 | 1990.2237 | 600 | 2,700 | 270 |
| 17 | 1990.2239 | 700 | 3,070 | 270 |
| 18 | 1990.2241 | 800 | 3,400 | 270 |



Wall Type Enclosure Bottom-Top Plates

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : RAL 7035 Epoxy Polyester
 Sizes : Flat plate (untwisted)
 Seal : Polyurethane cast seal

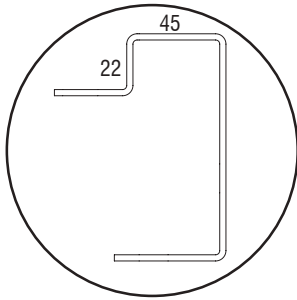


| LIST NO | PART CODE | ENCLOSURE WxD | WEIGHT (kg) | PLATE WxD (mm) |
|---------|-----------|---------------|-------------|----------------|
| 1 | 1990.2261 | 300x170 | 0,382 | 294x139 |
| 2 | 1990.2263 | 400x170 | 0,512 | 394x139 |
| 3 | 1990.2265 | 500x170 | 0,642 | 494x139 |
| 4 | 1990.2267 | 600x170 | 0,772 | 594x139 |
| 5 | 1990.2269 | 700x170 | 0,902 | 694x139 |
| 6 | 1990.2271 | 800x170 | 1,032 | 794x139 |
| 7 | 1990.2281 | 300x220 | 0,520 | 294x189 |
| 8 | 1990.2283 | 400x220 | 0,697 | 394x189 |
| 9 | 1990.2285 | 500x220 | 0,874 | 494x189 |
| 10 | 1990.2287 | 600x220 | 1,051 | 594x189 |
| 11 | 1990.2289 | 700x220 | 1,228 | 694x189 |
| 12 | 1990.2291 | 800x220 | 1,405 | 794x189 |
| 13 | 1990.2301 | 300x270 | 0,657 | 294x239 |
| 14 | 1990.2303 | 400x270 | 0,881 | 394x239 |
| 15 | 1990.2305 | 500x270 | 1,105 | 494x239 |
| 16 | 1990.2307 | 600x270 | 1,329 | 594x239 |
| 17 | 1990.2309 | 700x270 | 1,553 | 694x239 |
| 18 | 1990.2311 | 800x270 | 1,777 | 794x239 |



Wall Type Contact Hazard Protection Carriers

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester



Specifications and Intended Purpose

- For contact hazard protection assembly in enclosures with internal cover
- With teeth, coefficient hole with easy dismantlable feature
- Mounting options with M6 guide screw and M6 nut screw



| LIST NO | PART CODE | ENCLOSURE LENGTH FOOT (PLINTH) | WEIGHT (kg) | PLATE LENGTH (mm) |
|---------|-----------|--------------------------------|-------------|-------------------|
| 1 | 1990.2331 | 300 | 0,456 | 300 |
| 2 | 1990.2333 | 400 | 0,608 | 400 |
| 3 | 1990.2335 | 500 | 0,760 | 500 |
| 4 | 1990.2337 | 600 | 0,912 | 600 |
| 5 | 1990.2339 | 700 | 1,065 | 700 |
| 6 | 1990.2341 | 800 | 1,217 | 800 |
| 7 | 1990.2343 | 900 | 1,368 | 900 |
| 8 | 1990.2345 | 1000 | 1,521 | 1000 |
| 9 | 1990.2347 | 1100 | 1,673 | 1100 |
| 10 | 1990.2349 | 1200 | 1,825 | 1200 |
| 11 | 1990.2351 | 1300 | 1,977 | 1300 |
| 12 | 1990.2353 | 1400 | 2,129 | 1400 |
| 13 | 1990.2355 | 1500 | 2,281 | 1500 |
| 14 | 1990.2357 | 1600 | 2,433 | 1600 |
| 15 | 1990.2359 | 1700 | 2,585 | 1700 |
| 16 | 1990.2361 | 1800 | 2,737 | 1800 |
| 17 | 1990.2363 | 1900 | 2,889 | 1900 |
| 18 | 1990.2365 | 2000 | 3,042 | 2000 |



M5 Special Contact Hazard Protection Screw[®]

4000.2125 (Without Hole)

4000.2127 (With Hole)



Specifications and Intended Purpose

- Can be fixed with M6 nut against lost
- It pushes interim spring screw and makes it remain straight to use it as handle
- It prevents unauthorized manual openings in first respond by tightening with screwdriver
- Hole nut is used in sealed Contact hazard protections
- M6 narrow seal is used to avoid paint scratching during tightening
- Corners are produced with knurls for manual tightening



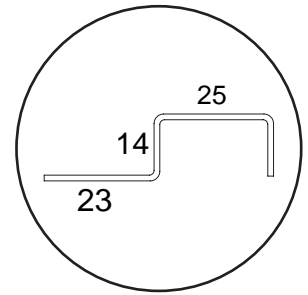
Wall type flush and surface mounted top-bottom CHP space closers

Sheet : galvanized sheet
 Thickness : sheet thickness of 1.5 mm
 Paint : RAL 7035 Epoxy polyester



Specifications and Intended Purpose

- For closing the top and bottom spaces after assembly of the enclosure's curtains,
- A space corresponding to the carcass thickness is closed



| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART SIZE (mm) |
|---------|-----------|----------------------|-------------|----------------|
| 1 | 1990.2381 | 300 | 0,146 | 230 |
| 2 | 1990.2383 | 400 | 0,210 | 330 |
| 3 | 1990.2385 | 500 | 0,273 | 430 |
| 4 | 1990.2387 | 600 | 0,421 | 530 |
| 5 | 1990.2389 | 700 | 0,501 | 630 |
| 6 | 1990.2391 | 800 | 0,580 | 730 |



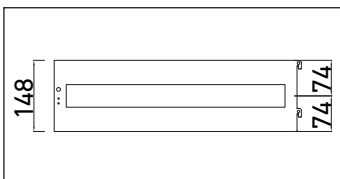
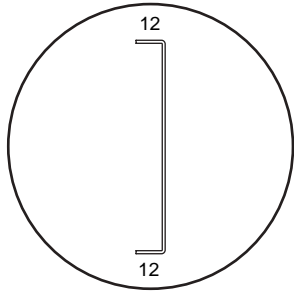
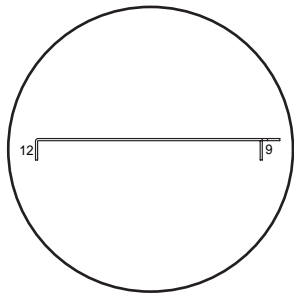
Wall Type Flush-Surface Mounted Enclosure Contact Hazard Protection Covers

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.0mm-1.5 mm
 Paint : RAL 7035 Epoxy Polyester



Specifications and Intended Purpose

- With tooth for easy mounting and dismounting
- Solution against forgetting dismounting and mounting for repair
- Special design Contact Hazard Protection assembly screw
- Can be opened leftward if desired

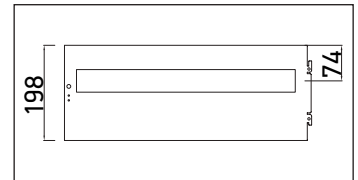


| Length 150 mm (CLOSED) | | | | | |
|------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2401 | 300 | CLOSED | 0,393 | 230 |
| 2 | 1990.2403 | 400 | CLOSED | 0,550 | 330 |
| 3 | 1990.2405 | 500 | CLOSED | 0,707 | 430 |
| 4 | 1990.2407 | 600 | CLOSED | 0,864 | 530 |
| 5 | 1990.2409 | 700 | CLOSED | 1,022 | 630 |
| 6 | 1990.2411 | 800 | CLOSED | 1,179 | 730 |

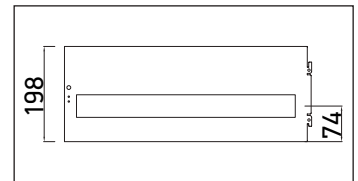
| Length 150 mm (W AUTOMATE) | | | | | |
|----------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2421 | 300 | 9 | 0,393 | 230 |
| 2 | 1990.2423 | 400 | 14 | 0,550 | 330 |
| 3 | 1990.2425 | 500 | 20 | 0,707 | 430 |
| 4 | 1990.2427 | 600 | 25 | 0,864 | 530 |
| 5 | 1990.2429 | 700 | 30 | 1,022 | 630 |
| 6 | 1990.2431 | 800 | 34 | 1,179 | 730 |

Wall Type Flush-Surface Mounted Enclosure Contact Hazard Protection Covers

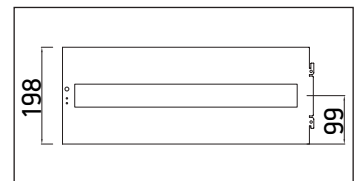
| Length 200 mm (CLOSED) | | | | | |
|------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2441 | 300 | CLOSED | 0,510 | 230 |
| 2 | 1990.2443 | 400 | CLOSED | 0,714 | 330 |
| 3 | 1990.2445 | 500 | CLOSED | 0,918 | 430 |
| 4 | 1990.2447 | 600 | CLOSED | 1,122 | 530 |
| 5 | 1990.2449 | 700 | CLOSED | 1,325 | 630 |
| 6 | 1990.2451 | 800 | CLOSED | 1,530 | 730 |



| Length 200 mm W AUTOMATE IS CLOSE TO THE TOP | | | | | |
|----------------------------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2461 | 300 | CLOSED | 0,510 | 230 |
| 2 | 1990.2463 | 400 | CLOSED | 0,714 | 330 |
| 3 | 1990.2465 | 500 | CLOSED | 0,918 | 430 |
| 4 | 1990.2467 | 600 | CLOSED | 1,122 | 530 |
| 5 | 1990.2469 | 700 | CLOSED | 1,325 | 630 |
| 6 | 1990.2471 | 800 | CLOSED | 1,530 | 730 |



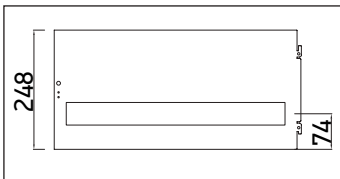
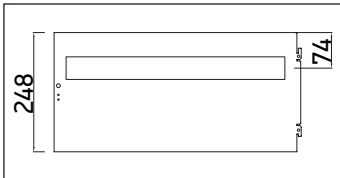
| Length 200 mm W AUTOMATE IS CLOSE TO THE BOTTOM | | | | | |
|-------------------------------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2481 | 300 | 9 | 0,510 | 230 |
| 2 | 1990.2483 | 400 | 14 | 0,714 | 330 |
| 3 | 1990.2485 | 500 | 20 | 0,918 | 430 |
| 4 | 1990.2487 | 600 | 25 | 1,122 | 530 |
| 5 | 1990.2489 | 700 | 30 | 1,325 | 630 |
| 6 | 1990.2491 | 800 | 34 | 1,530 | 730 |



| Length 200 mm W AUTOMATE IS CLOSE TO THE BOTTOM | | | | | |
|-------------------------------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2501 | 300 | 9 | 0,510 | 230 |
| 2 | 1990.2503 | 400 | 14 | 0,714 | 330 |
| 3 | 1990.2505 | 500 | 20 | 0,918 | 430 |
| 4 | 1990.2507 | 600 | 25 | 1,122 | 530 |
| 5 | 1990.2509 | 700 | 30 | 1,325 | 630 |
| 6 | 1990.2511 | 800 | 34 | 1,530 | 730 |



Wall Type Flush-Surface Mounted Enclosure Contact Hazard Protection Covers



| Length 250 mm (CLOSED) | | | | | |
|------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2521 | 300 | CLOSED | 0,627 | 230 |
| 2 | 1990.2523 | 400 | CLOSED | 0,877 | 330 |
| 3 | 1990.2525 | 500 | CLOSED | 1,128 | 430 |
| 4 | 1990.2527 | 600 | CLOSED | 1,379 | 530 |
| 5 | 1990.2529 | 700 | CLOSED | 1,630 | 630 |
| 6 | 1990.2531 | 800 | CLOSED | 1,880 | 730 |

| Length 250 mm W AUTOMATE IS CLOSE TO THE TOP | | | | | |
|----------------------------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2541 | 300 | 9 | 0,627 | 230 |
| 2 | 1990.2543 | 400 | 14 | 0,877 | 330 |
| 3 | 1990.2545 | 500 | 20 | 1,128 | 430 |
| 4 | 1990.2547 | 600 | 25 | 1,379 | 530 |
| 5 | 1990.2549 | 700 | 30 | 1,630 | 630 |
| 6 | 1990.2551 | 800 | 34 | 1,880 | 730 |

| Length 250 mm W AUTOMATE IS CLOSE TO THE BOTTOM | | | | | |
|-------------------------------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2561 | 300 | 9 | 0,627 | 230 |
| 2 | 1990.2563 | 400 | 14 | 0,877 | 330 |
| 3 | 1990.2565 | 500 | 20 | 1,128 | 430 |
| 4 | 1990.2567 | 600 | 25 | 1,379 | 530 |
| 5 | 1990.2569 | 700 | 30 | 1,630 | 630 |
| 6 | 1990.2571 | 800 | 34 | 1,880 | 730 |

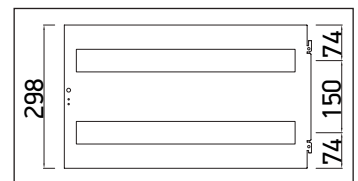
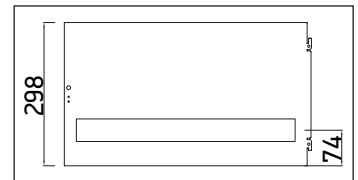
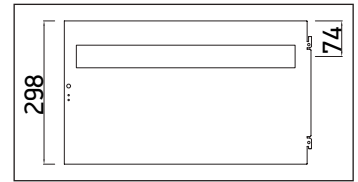
Wall Type Flush-Surface Mounted Enclosure Contact Hazard Protection Covers

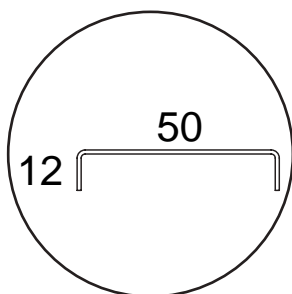
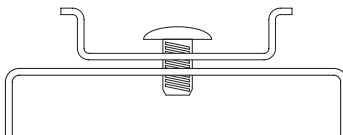
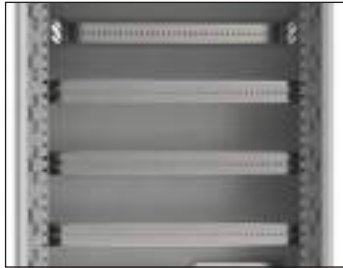
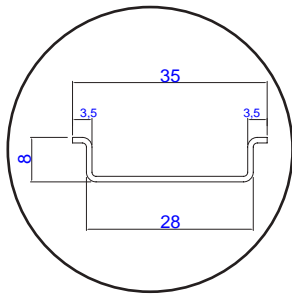
| Length 300 mm (CLOSED) | | | | | |
|------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2581 | 300 | CLOSED | 0,744 | 230 |
| 2 | 1990.2583 | 400 | CLOSED | 1,040 | 330 |
| 3 | 1990.2585 | 500 | CLOSED | 1,339 | 430 |
| 4 | 1990.2587 | 600 | CLOSED | 1,637 | 530 |
| 5 | 1990.2589 | 700 | CLOSED | 1,934 | 630 |
| 6 | 1990.2591 | 800 | CLOSED | 2,230 | 730 |

| Length 300 mm W AUTOMATE IS CLOSE TO THE TOP | | | | | |
|----------------------------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2601 | 300 | 9 | 0,744 | 230 |
| 2 | 1990.2603 | 400 | 14 | 1,040 | 330 |
| 3 | 1990.2605 | 500 | 20 | 1,339 | 430 |
| 4 | 1990.2607 | 600 | 25 | 1,637 | 530 |
| 5 | 1990.2609 | 700 | 30 | 1,934 | 630 |
| 6 | 1990.2611 | 800 | 34 | 2,230 | 730 |

| Length 300 mm W AUTOMATE IS CLOSE TO THE TOP | | | | | |
|----------------------------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | Enclosure WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2621 | 300 | 9 | 0,744 | 230 |
| 2 | 1990.2623 | 400 | 14 | 1,040 | 330 |
| 3 | 1990.2625 | 500 | 20 | 1,339 | 430 |
| 4 | 1990.2627 | 600 | 25 | 1,637 | 530 |
| 5 | 1990.2629 | 700 | 30 | 1,934 | 630 |
| 6 | 1990.2631 | 800 | 34 | 2,230 | 730 |

| Length 300 mm W.OTOMAT2 SIRALI | | | | | |
|--------------------------------|-----------|----------------------|----------------------|-------------|----------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | NUMBER OF W AUTOMATE | WEIGHT (kg) | CHP WIDTH (mm) |
| 1 | 1990.2641 | 300 | 18 | 0,744 | 230 |
| 2 | 1990.2643 | 400 | 28 | 1,040 | 330 |
| 3 | 1990.2645 | 500 | 40 | 1,339 | 430 |
| 4 | 1990.2647 | 600 | 50 | 1,637 | 530 |
| 5 | 1990.2649 | 700 | 60 | 1,934 | 630 |
| 6 | 1990.2651 | 800 | 68 | 2,230 | 730 |





Wall Type W. Automate Rails

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted
 Twist Feature : 3,5x8 mm

► Specifications and Intended Purpose

- W Automate mounting rail
- Used with rail carrier



| LIST NO | PART CODE | ENCLOSURE WIDTH | WEIGHT (kg) | PART LENGTH (mm) |
|---------|-----------|-----------------|-------------|------------------|
| 1 | 1990.2671 | 300 | 0,095 | 230 |
| 2 | 1990.2673 | 400 | 0,136 | 330 |
| 3 | 1990.2675 | 500 | 0,177 | 430 |
| 4 | 1990.2677 | 600 | 0,218 | 530 |
| 5 | 1990.2679 | 700 | 0,260 | 630 |
| 6 | 1990.2681 | 800 | 0,301 | 730 |



Wall Type W. Automate Rail Carriers

Sheet : Galvanized sheet
 Thickness : Sheet thickness of 1.2 mm
 Paint : Unpainted
 Twist Feature : 12x50 mm

► Specifications and Intended Purpose

- W Automate strengthening profile
- Dimensioned in a manner to be mounted to Contact Hazard Protection carrier



| LIST NO | PART CODE | ENCLOSURE WIDTH | WEIGHT (kg) | PART LENGTH (mm) |
|---------|-----------|-----------------|-------------|------------------|
| 1 | 1990.2691 | 300 | 0,190 | 290 |
| 2 | 1990.2693 | 400 | 0,255 | 390 |
| 3 | 1990.2695 | 500 | 0,321 | 490 |
| 4 | 1990.2697 | 600 | 0,387 | 590 |
| 5 | 1990.2699 | 700 | 0,452 | 690 |
| 6 | 1990.2701 | 800 | 0,518 | 790 |



Wall Type Enclosure Brushers (30mm)s

Sheet : Aluminum
 Hair Length : 30 mm
 Paint : Unpainted
 Assembly Type : M5 channel screw

► Specifications and Intended Purpose

- Prevents dust and insect from entering into cable holes
- Unilateral or opposite double brush option
- Used at bottom closers or top cover



| Hair Length : 30 mm - Dust Preventing Brush | | | | |
|---------------------------------------------|-----------|----------------------|-------------|------------------|
| LIST NO | PART CODE | ENCLOSURE WIDTH (mm) | WEIGHT (kg) | PART LENGTH (mm) |
| 1 | 1990.2721 | 300 | 0,039 | 220 |
| 2 | 1990.2723 | 400 | 0,056 | 320 |
| 3 | 1990.2725 | 500 | 0,075 | 420 |
| 4 | 1990.2727 | 600 | 0,092 | 520 |
| 5 | 1990.2729 | 700 | 0,110 | 620 |
| 6 | 1990.2731 | 800 | 0,127 | 720 |



Wall Type Distribution Enclosure RST Busbar Assembly Plate

Sheet : Galvanized sheet
 Hair Length : Sheet thickness of 1.0 mm
 Paint : Unpainted

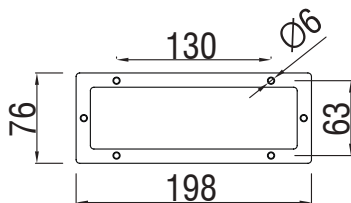
► Specifications and Intended Purpose

- For RST Busbar and contractor assembly
- Prevents screw from passing to enclosure back



| LIST NO | PART CODE | SIZE (mm) | WEIGHT (kg) |
|---------|-----------|------------|-------------|
| 1 | 1990.2741 | 320x170x12 | 0,500 |





Eva Seal Flanges

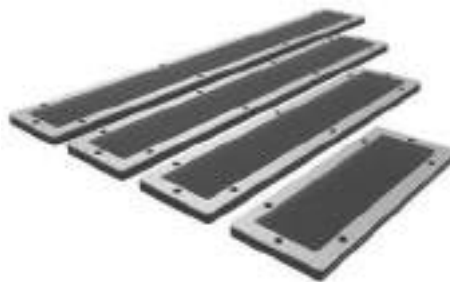
Sheet : Frame Galvanized sheet
 Hair Length : Sheet thickness of 2.0 mm
 Paint : Unpainted Galvanize
 Seal : Eva
 Seal Thickness : 8 mm



► Specifications and Intended Purpose

- Enterable by drilling with cable
- Ensures IP65 protection

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) | INTENDED USE (mm) | PART OUTSIDE SIZE (mm) |
|---------|-----------|---------------------------|-------------|-------------------|------------------------|
| 1 | 3200.1071 | Eva Cable Entrance Flange | 0,110 | 178x56 | 198x76 |
| 2 | 3200.1073 | | 0,176 | 308x56 | 328x76 |
| 3 | 3200.1075 | | 408x56 | 428x76 | |
| 4 | 3200.1077 | | 508x56 | 528x76 | |



Metal Flanges

Sheet : Galvanized sheet
 Hair Length : Sheet thickness of 1.5 mm
 Paint : RAL 7035 Epoxy Polyester



► Specifications and Intended Purpose

- Can be dismantled in place and drilled for cable entry
- Can be used indoor areas
- Gluing with Eva seal

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) | INTENDED USE (mm) | PART OUTSIDE SIZE (mm) |
|---------|-----------|---------------------|-------------|-------------------|------------------------|
| 1 | 3200.1081 | Closed metal flange | 0,222 | 174x48 | 198x72 |
| 2 | 3200.1083 | | 0,367 | 205x79 | 229x103 |



Enclosure Accessories

- Flanges and Plugs



282

- Distributor Busbars



290

- Hygrostat and Thermostats



292

- Heaters



293

- Ventilation Filters and Filters with Fan



295

- Enclosure Air-Conditioning



300

- Locks and Hinges



302

- Accessories



306

- Screws Used in Enclosure



310

- Assembly Sets

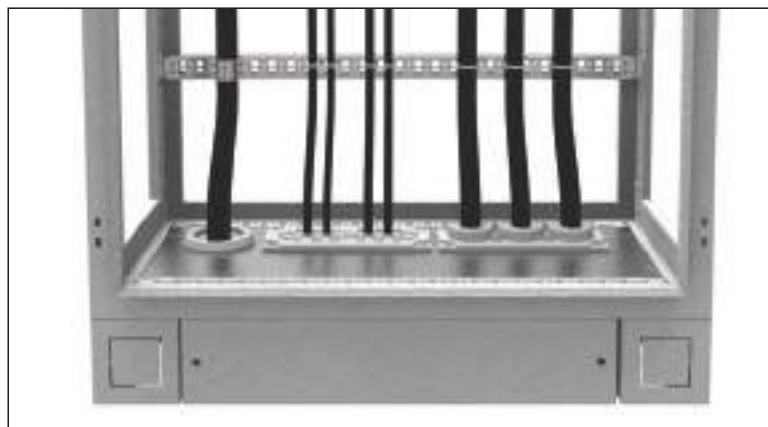
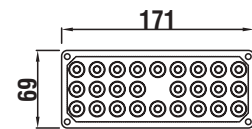
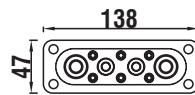
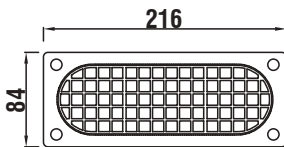
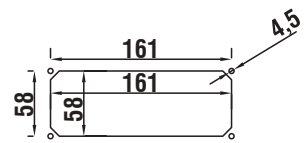
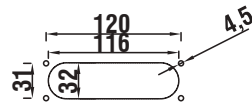
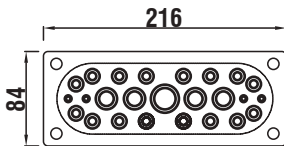
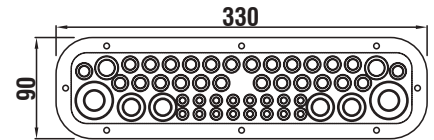
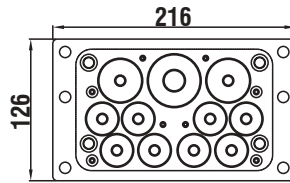
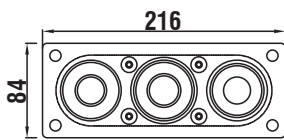
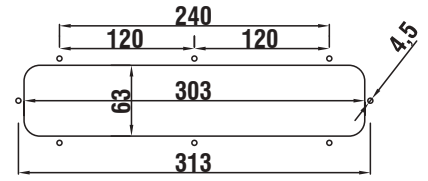
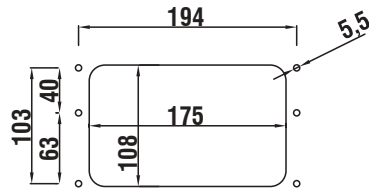
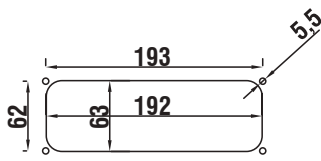


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Flanges and Plugs (Hi-Tech)



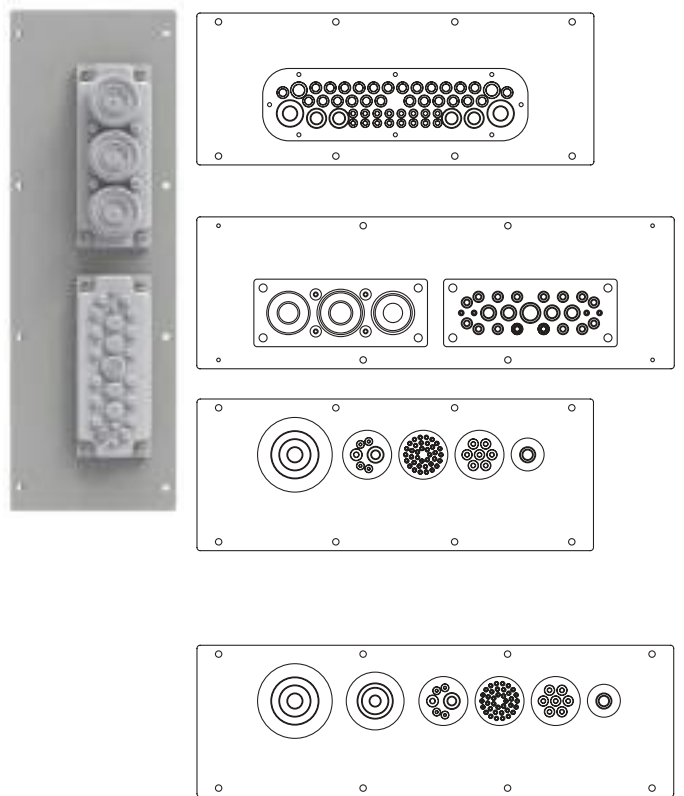
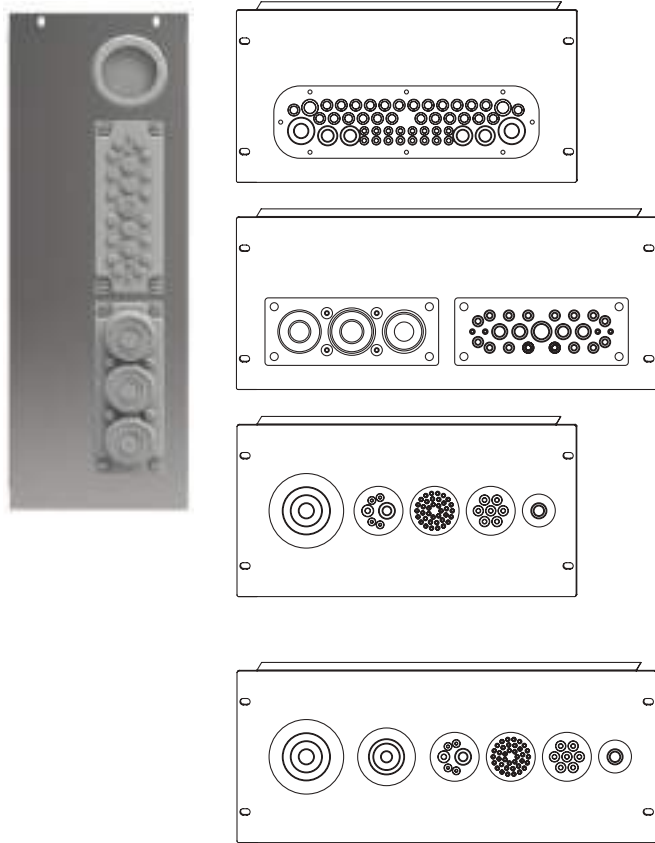
Flanges and Plugs



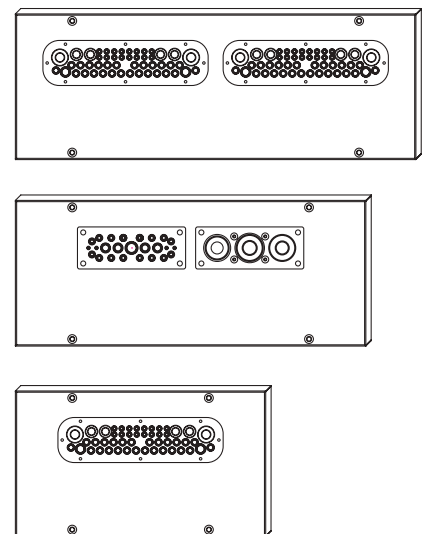
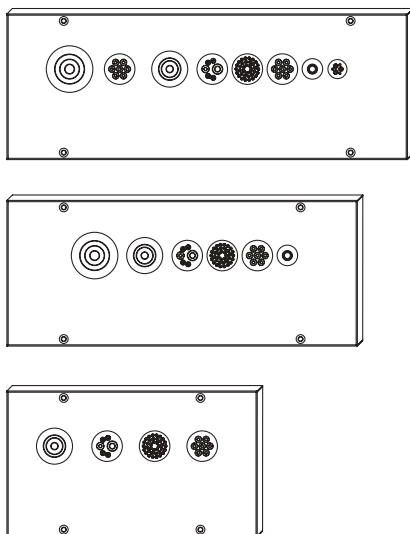
Flanges and Plugs Sample Practice Forms

MODULAR2 Bottom Close







MODULAR2 Surface Mounted Wall Type Bottom-Top Plate







MODULAR2 Top Covers






Flanges and Plugs

| Cable Entry-Exit Rubber Multiple Flanges (Hi-Tech) | | | | | | | | | |
|----------------------------------------------------|--------------|-----------------------------------------------|---------------------------|------------------------------------------------------------------------------------|-----------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PRODUCT CODE | MATERIALS | COLORS | SIZES | IP CLASS | HEAT RESISTANCE RANGE | END LENGTH | FEATURES | PICTURE |
| Entry Flange HTB-10 | | | | | | | | | |
| 1 | 3200.1101 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | Gray RAL7035 | B-Hole 138mm x 48mm Hole range 120mm / 30mm | IP55 | -40°C +130°C | 2 x 12mm - 21mm 2 x 8mm - 15mm 6 x 5mm - 8mm max 10 cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTC-16 | | | | | | | | | |
| 2 | 3200.1103 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | Gray RAL7035 V-0 White | C-Hole 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | IP65 | -40°C +130°C | 1 x D - 40mm 15 x D - 20mm max 16 cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTC-17 | | | | | | | | | |
| 3 | 3200.1105 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | Gray RAL7035 V-0 White | C-Hole 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | IP65 | -40°C +130°C | 9 x 18mm - 30mm 10mm -14mm 4 x 10mm - 15mm 4 x 5mm - 10mm max 17 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTC-25 | | | | | | | | | |
| 4 | 3200.1107 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | Gray RAL7035 V-0 White | C-Hole 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | IP55 | -40°C +130°C | 1 x 20mm - 26mm (IP65) 12mm - 15mm (IP55) 16 x 8mm - 14mm (IP65) 7mm - 10mm (IP55) 4 x 14mm - 20mm (IP65) 5mm - 10mm (IP55) 4x 5mm - 7mm (IP65) max 25 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTC-3 | | | | | | | | | |
| 5 | 3200.1109 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | Gray RAL7035 V-0 White | C-Hole 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | IP65 (little Hole) IP55) | -40°C +130°C | 2 x 24mm - 54mm 1 x 30mm - 59mm 3 x 6mm - 14mm max 6 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTC-35 | | | | | | | | | |
| 6 | 3200.1111 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | Gray RAL7035 V-0 White | C-Hole 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | IP65 | -40°C +130°C | 1 x 17mm - 32mm 2 x 12mm - 18mm 16 x 10mm - 14mm 12 x 7mm - 12mm max 35 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |

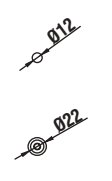

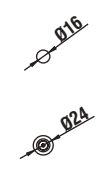

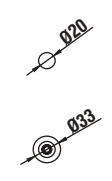

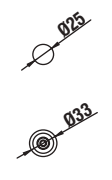

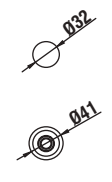

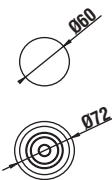

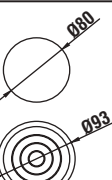

Flanges and Plugs

| Cable Entry-Exit Rubber Multiple Flanges (Hi-Tech) | | | | | | | | | |
|---------------------------------------------------------|--------------|-----------------------------------------------|---------|----------------------------------------------------------------------------------------------|----------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PRODUCT CODE | MATERIALS | COLORS | SIZES | IP CLASS | HEAT RESISTANCE RANGE | END LENGTH | FEATURES | PICTURE |
| Entry Flange HTC-50 | | | | | | | | | |
| 7 | 3200.1113 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | C-Hole 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | IP65 | -40°C +130°C | 49 x 7mm - 13mm 1 x 15mm - 25mm Max 50 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTKC-36 (Bir diyafram giriş flanşı) | | | | | | | | | |
| 8 | 3200.1115 | TPE 90 Sha | RAL7035 | C-Hole 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | IP65 | -40°C +130°C | 4 x 4mm- 8mm 4 x 6mm – 10mm 12 x 7mm – 12 mm 14 x 10mm – 14mm 2 x 12mm – 18mm 1 x 17mm – 32mm max 36 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Ana merkez flanşı HTK-26 | | | | | | | | | |
| 9 | 3200.1117 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | 170mm x 68mm Cover hole 10mm Hole range 160mm / 58mm | IP20 | -50°C +120°C | max 26 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTX-23 | | | | | | | | | |
| 10 | 3200.1119 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | D-Hole 216mmx126mm Cover hole 10mm Hole range 40mm / 103mm / 194mm | IP55 | -40°C +130°C | 1 x 33mm- 48mm 18mm – 15 mm 2 x 25mm – 40mm 16mm – 10mm 8 x 18mm – 30mm 10mm 14mm 4 x 10mm – 14mm 4 x 5mm – 10mm 4 x 3,5mm – 5mm max 23 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange RIT-50 (Bir diyafram giriş flanşı) | | | | | | | | | |
| 11 | 3200.1121 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | SZ2561.000 Delik 330mm x 90mm | IP65 | -40°C +130°C | 2 x 19mm – 34mm 4 x 16mm – 25mm 2 x 15mm – 21mm 26 x 10mm – 15mm 16x 6mm – 11mm Max 50 Cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |

Flanges and Plugs

| Cable Entry-Exit Rubber Multiple Flanges (Hi-Tech) | | | | | | | | | |
|----------------------------------------------------|--------------|-----------------------------------------------|---------|--------------------------------------------------------------------------|----------|-----------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PRODUCT CODE | MATERIALS | COLORS | SIZES | IP CLASS | HEAT RESISTANCE RANGE | END LENGTH | FEATURES | PICTURE |
| Entry Flange HTC-0 | | | | | | | | | |
| 12 | 3200.1123 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | | -40°C +130°C | - | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange JTLC | | | | | | | | | |
| 13 | 3200.1125 | Polypropeeni PP | White | 210mm x 79mm Cover hole 10mm Hole range 193mm / 62mm | | -40°C +130°C | - | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTKC-28 | | | | | | | | | |
| 14 | 3200.1127 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | | -40°C +130°C | 18 x 6mm - 13mm 6 x 13mm - 28mm 4 x 3mm - 11 mm max 28 cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |
| Entry Flange HTKC-43 | | | | | | | | | |
| 15 | 3200.1129 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | 216mm x 84mm Cover hole 10mm Hole range 193mm / 62mm | | -40°C +130°C | 4 x 4mm- 10,5mm 38 x 7mm – 12,5mm 1 x 14mm – 27,5 mm max 43 cable | Non-halogen, resistance to sputtering, indoor- outdoor use |  |

Flanges and Plugs

| Graded Rubber Blind Plugs (Hi-Tech) | | | | | | | | | | |
|-------------------------------------|--------------|-----------------------------------------------|---------|---------------------------------------------------|----------|-----------------------|----------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PRODUCT CODE | MATERIALS | COLORS | SIZES | IP CLASS | HEAT RESISTANCE RANGE | END LENGTH | FEATURES | TECHNICAL DRAWING | PICTURE |
| Graded Rubber Blind Plugs HSS-M 12 | | | | | | | | | | |
| 1 | 3200.1161 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 12mm OUTSIDE SIZE 22mm | IP67 | -40°C +130°C | FI Ø8 | Non-halogen, resistance to sputtering, indoor- outdoor use |  |  |
| Graded Rubber Blind Plugs HSS-M 16 | | | | | | | | | | |
| 2 | 3200.1163 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 16mm OUTSIDE SIZE 24mm | IP67 | -40°C +130°C | FI Ø4-Ø12 | Non-halogen, resistance to sputtering, indoor- outdoor use |  |  |
| Graded Rubber Blind Plugs HSS-M 20 | | | | | | | | | | |
| 3 | 3200.1165 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 20mm OUTSIDE SIZE 33mm | IP67 | -40°C +130°C | FI Ø8-Ø12 | Non-halogen, resistance to sputtering, indoor- outdoor use |  |  |
| Graded Rubber Blind Plugs HSS-M 25 | | | | | | | | | | |
| 4 | 3200.1167 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 25mm OUTSIDE SIZE 33mm | IP67 | -40°C +130°C | FI Ø8-Ø15 | Non-halogen, resistance to sputtering, indoor- outdoor use |  |  |
| Graded Rubber Blind Plugs HSS-M 32 | | | | | | | | | | |
| 5 | 3200.1169 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 32mm OUTSIDE SIZE 41mm | IP67 | -40°C +130°C | FI Ø15-Ø34-Ø45 | Non-halogen, resistance to sputtering, indoor- outdoor use |  |  |
| Graded Rubber Blind Plugs HSS-M 60 | | | | | | | | | | |
| 6 | 3200.1171 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 60mm OUTSIDE SIZE 72mm | IP67 | -40°C +130°C | FI Ø15-Ø34-Ø45 | Non-halogen, resistance to sputtering, indoor- outdoor use |  |  |
| Graded Rubber Blind Plugs HSS-M 80 | | | | | | | | | | |
| 7 | 3200.1173 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 80mm OUTSIDE SIZE 93mm | IP67 | -40°C +130°C | FI Ø20-Ø40-Ø60 | Non-halogen, resistance to sputtering, indoor- outdoor use |  |  |

Flanges and Plugs

| Graded Rubber Blind Plugs (Hi-Tech) | | | | | | | | | | |
|-------------------------------------|--------------|-----------------------------------------------|---------|----------------------------------------------------|----------|-----------------------|---------------------------|---------------------------------------------------------------------|-------------------|---------|
| SIRA NO | PRODUCT CODE | MATERIALS | COLORS | SIZES | IP CLASS | HEAT RESISTANCE RANGE | END LENGTH | FEATURES | TECHNICAL DRAWING | PICTURE |
| Graded Rubber Blind Plugs HTL-28-6 | | | | | | | | | | |
| 1 | 3200.1175 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 28mm OUTSIDE SIZE 38mm | IP67 | -40°C +130°C | Fl Ø3-4 Ø5-9 | Non-halogen, resistance to sputtering, indoor- outdoor use | | |
| Graded Rubber Blind Plugs HTL-50-14 | | | | | | | | | | |
| 2 | 3200.1177 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 32mm OUTSIDE SIZE 42mm | IP67 | -40°C +130°C | Fl Ø3.5 | Non-halogen, resistance to sputtering, indoor- outdoor use | | |
| Graded Rubber Blind Plugs HTL-50-36 | | | | | | | | | | |
| 3 | 3200.1179 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 50mm OUTSIDE SIZE 61mm | IP67 | -40°C +130°C | Fl Ø3.5-5.5 | Non-halogen, resistance to sputtering, indoor- outdoor use | | |
| Graded Rubber Blind Plugs HTL-50-7 | | | | | | | | | | |
| 4 | 3200.1181 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 50mm OUTSIDE SIZE 61mm | IP67 | -40°C +130°C | Fl Ø6-13 | Non-halogen, resistance to sputtering, indoor- outdoor use | | |
| Graded Rubber Blind Plugs HTL-50-6 | | | | | | | | | | |
| 5 | 3200.1183 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 50mm OUTSIDE SIZE 61mm | IP67 | -40°C +130°C | Fl Ø4-10- Ø7-15-Ø12-21 | Non-halogen, resistance to sputtering, indoor- outdoor use | | |
| Entry Flange HTX-1 | | | | | | | | | | |
| 6 | 3200.1185 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 85mm OUTSIDE SIZE 123mm | IP67 | -40°C +130°C | | Non-halogen, resistance to sputtering, indoor- outdoor use | | |
| Entry Flange HTC-35 | | | | | | | | | | |
| 7 | 3200.1187 | TPE-SEBS 50 Sha TPE-SEBS 50 Sha V-0 EMC | RAL7035 | ASSEMBLY HOLE 77mm OUTSIDE SIZE 88mm | IP65 | -40°C +130°C | | Non-halogen, resistance to sputtering, indoor- outdoor use | | |

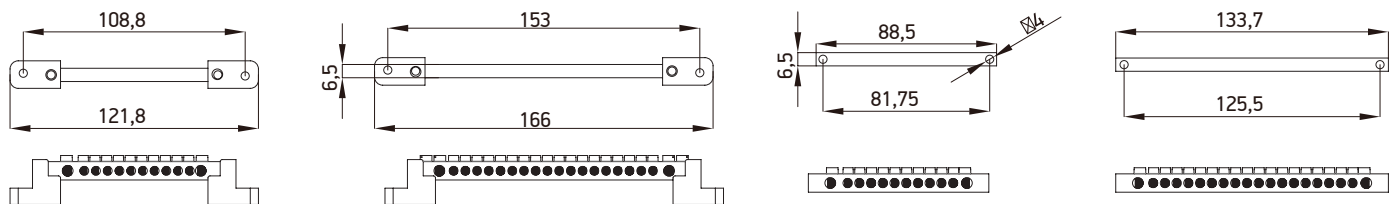
Earth Neutral Busbars

| LIST NO | PART CODE | DESCRIPTION | CUPPER DIAMETER (mm) | SCREWS | | CURRENT TRANSMITTED | WEIGHT (kg) |
|---------|-----------|---------------------|----------------------|-------------------|-------------------|---------------------|-------------|
| | | | | ENTRY | EXIT | | |
| 1 | 3300.1221 | 11+1 Earth Busbar | 6,5x9 / 58,5 | M5YSB Steel Screw | M4YSB Steel Screw | 160A | 0,047 |
| 2 | 3300.1223 | 19+1 Earth Busbar | | | | | 0,064 |
| 3 | 3300.1225 | 11+1 Neutral Busbar | | | | | 0,034 |
| 4 | 3300.1227 | 19+1 Neutral Busbar | | | | | 0,051 |



- Unpainted, mounted to bared metal with M5 screw
- Plastic footed neutral busbars
- Entries are screwed with M5x10 YSB Screw (Ring cable)

- Plastic footed neutral busbars
- Entries are screwed with M5x10 YSB Screw (Ring cable)
- Exits are screwed with M4x10 YSB Screw (Ring cable)



Cable Shoes

| LIST NO | PART CODE | DESCRIPTION | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|----------------------------------|----------------------------------|-------------|
| 1 | 3300.1201 | KYK M6 end round cable shoe | KYK M6 end round cable shoe | 0,001 |
| 2 | 3300.1203 | KYK M6 end round-plug cable shoe | KYK M6 end round-plug cable shoe | 0,001 |
| 3 | 3300.1205 | SKP M6 cable shoe | SKP M6 cable shoe | 0,003 |



Grounding Chassis Cables

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|-------------------------------|-------------|
| 1 | 3300.1211 | Meshed 1,5x13mm length 230 mm | 0,025 |

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|---------------------------------------|-------------|
| 2 | 3300.1213 | Spiral Isolated Grounding Cable 1,5mm | 0,014 |



Distributor Busbars with Cover

1 Pole 7x12 25 section (Brass) 125A Distributor Units

| LIST NO | PART CODE | ENTRY-EXIT | CUPPER DIAMETER (mm) | L (mm) | B (mm) | H (mm) | CURRENT TRANSMITTED |
|---------|-----------|------------|----------------------|--------|--------|--------|---------------------|
| 1 | 3300.1257 | 2+5 | 7x12 | 76 | 44 | 42 | 125A |
| 2 | 3300.1259 | 2+8 | | 100 | 44 | 42 | |
| 3 | 3300.1261 | 2+10 | | 115 | 44 | 42 | |
| 4 | 3300.1263 | 2+13 | | 135 | 44 | 42 | |
| 5 | 3300.1265 | 2+18 | | 170 | 44 | 42 | |
| 6 | 3300.1267 | 2+20 | | 185 | 44 | 42 | |
| 7 | 3300.1269 | 2+23 | | 207 | 44 | 42 | |
| 8 | 3300.1271 | 2+28 | | 245 | 44 | 42 | |



2 Pole 7x12 25 section (Brass) 125A Distributor Units

| LIST NO | PART CODE | ENTRY-EXIT | CUPPER DIAMETER (mm) | L (mm) | B (mm) | H (mm) | CURRENT TRANSMITTED |
|---------|-----------|------------|----------------------|--------|--------|--------|---------------------|
| 1 | 3300.1231 | 2+5 | 7x12 | 65 | 45 | 47 | 125A |
| 2 | 3300.1233 | 2+8 | | 88 | 45 | 47 | |
| 3 | 3300.1235 | 2+10 | | 102 | 45 | 47 | |
| 4 | 3300.1237 | 2+13 | | 126 | 45 | 47 | |
| 5 | 3300.1239 | 2+18 | | 162 | 45 | 47 | |
| 6 | 3300.1241 | 2+20 | | 175 | 45 | 47 | |



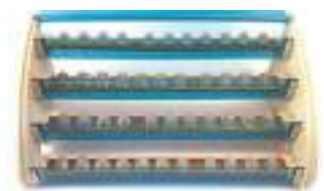
4 Pole 7x12 70 section (Brass) 125A Distributor Units

| LIST NO | PART CODE | ENTRY-EXIT | CUPPER DIAMETER (mm) | L (mm) | B (mm) | H (mm) | CURRENT TRANSMITTED |
|---------|-----------|------------|----------------------|--------|--------|--------|---------------------|
| 1 | 3300.1243 | 2+5 | 7x12 | 65 | 80 | 75 | 125A |
| 2 | 3300.1245 | 2+8 | | 87 | 80 | 75 | |
| 3 | 3300.1247 | 2+10 | | 102 | 80 | 75 | |
| 4 | 3300.1249 | 2+13 | | 126 | 80 | 75 | |
| 5 | 3300.1251 | 2+18 | | 162 | 80 | 75 | |
| 6 | 3300.1253 | 2+20 | | 175 | 80 | 75 | |
| 7 | 3300.1255 | 2+23 | | 192 | 80 | 75 | |



4 Pole 10x15 70 section (Copper) 160A Distributor Units

| LIST NO | PART CODE | ENTRY-EXIT | CUPPER DIAMETER (mm) | L (mm) | B (mm) | H (mm) | CURRENT TRANSMITTED |
|---------|-----------|------------|----------------------|--------|--------|--------|---------------------|
| 1 | 3300.1273 | 2+5 | 10x15 | 105 | 144 | 55 | 160A |
| 2 | 3300.1275 | 2+8 | | 145 | 144 | 55 | |
| 3 | 3300.1277 | 2+10 | | 165 | 144 | 55 | |
| 4 | 3300.1279 | 2+13 | | 200 | 144 | 55 | |
| 5 | 3300.1281 | 2+18 | | 255 | 144 | 55 | |
| 6 | 3300.1283 | 2+20 | | 275 | 144 | 55 | |



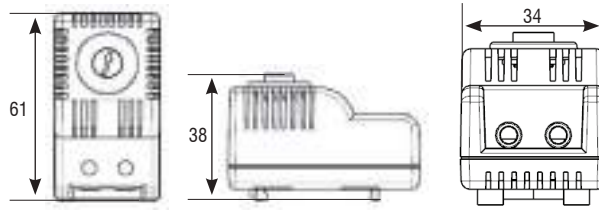
5 Pole 10x15 70 section (Copper) 160A Distributor Units

| LIST NO | PART CODE | ENTRY-EXIT | CUPPER DIAMETER (mm) | L (mm) | B (mm) | H (mm) | CURRENT TRANSMITTED |
|---------|-----------|------------|----------------------|--------|--------|--------|---------------------|
| 1 | 3300.1285 | 2+5 | 10x15 | 105 | 151 | 95 | 160A |
| 2 | 3300.1287 | 2+8 | | 145 | 151 | 95 | |
| 3 | 3300.1289 | 2+10 | | 165 | 151 | 95 | |
| 4 | 3300.1291 | 2+13 | | 200 | 151 | 95 | |
| 5 | 3300.1293 | 2+18 | | 255 | 151 | 95 | |
| 6 | 3300.1295 | 2+20 | | 275 | 151 | 95 | |



Enclosure Internal Thermostat and Hygrostat

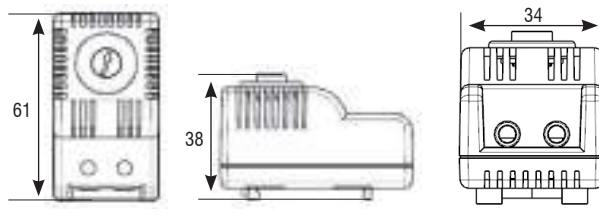
PTHT-Thermostat-NK



Weight: 45gr
Protection Class: IP20

| LIST NO | PRODUCT CODE | DESCRIPTION | SETTING SITE | TYPE OF CONTACT | PROTECTION CLASS | NUMBER OF COLI |
|---------|--------------|-----------------|--------------|-----------------|------------------|----------------|
| 1 | 3100.1001 | HEAT THERMOSTAT | 0-60C | NK | IP20 | 135 |

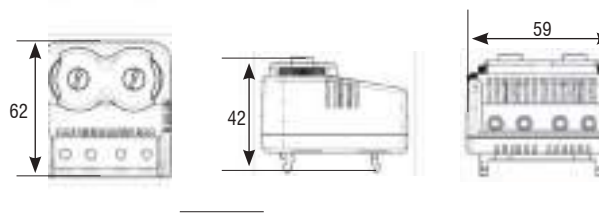
PTVT - Termostat - NA



Weight: 45gr
Protection Class: IP20

| LIST NO | PRODUCT CODE | DESCRIPTION | SETTING SITE | TYPE OF CONTACT | PROTECTION CLASS | NUMBER OF COLI |
|---------|--------------|--------------------|--------------|-----------------|------------------|----------------|
| 1 | 3100.1003 | COOLING THERMOSTAT | 0-60C | NA | IP20 | 135 |

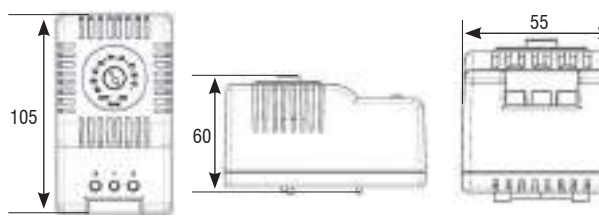
PTHVT - Termostat - NK+NA



Weight: 80gr
Protection Class: IP20

| LIST NO | PRODUCT CODE | DESCRIPTION | SETTING SITE | TYPE OF CONTACT | PROTECTION CLASS | NUMBER OF COLI |
|---------|--------------|-------------------|--------------|-----------------|------------------|----------------|
| 1 | 3100.1005 | DOUBLE THERMOSTAT | 0-60C / 60C | NK+NA | IP20 | 60 |

PHG02 - HYGROSTAT



Weight: 180gr
Protection Class: IP20

| LIST NO | PRODUCT CODE | DESCRIPTION | SETTING SITE | TYPE OF CONTACT | PROTECTION CLASS | NUMBER OF COLI |
|---------|--------------|--------------------|--------------|-----------------|------------------|----------------|
| 1 | 3100.1007 | MECHANIC HYGROSTAT | %10-90RH | 1CO | IP20 | 30 |

Enclosure Heaters



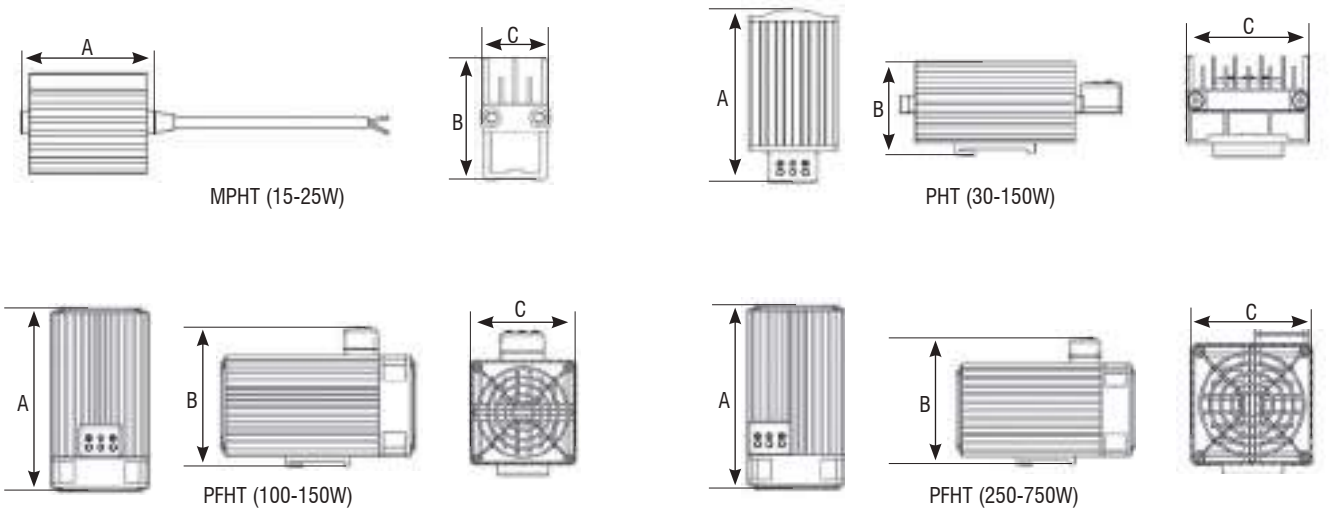
MPHT MINI HEATER

PHT PTC HEATER

PFHT FAN PTC HEATER

PFHT FAN HEATER

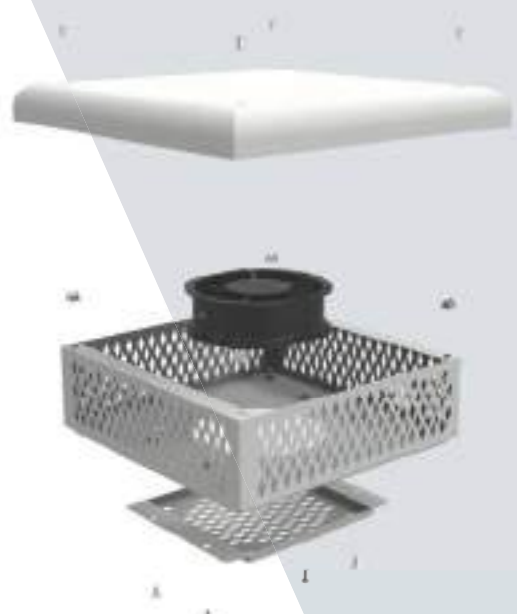
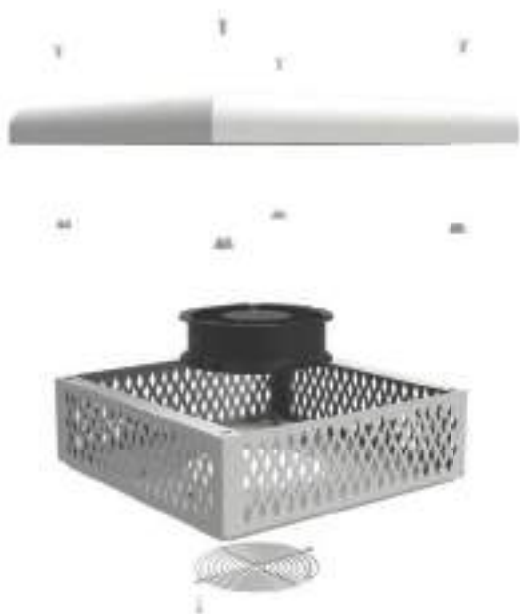
| LIST NO | PRODUCT CODE | DESCRIPTION | FEED | PROTECTION CLASS | CONNECTION |
|---------|--------------|---------------------------------------|------------------|------------------|------------|
| 1 | 3100.1031 | 15 W PTC Enclosure HEATER | 100-250V AC-DC | IP20 | Cable |
| 2 | 3100.1033 | 25 W PTC Enclosure HEATER | 100-250V AC-DC | IP20 | Cable |
| 3 | 3100.1035 | 30 W PTC Enclosure HEATER | 100-250V AC-DC | IP20 | TERMINALS |
| 4 | 3100.1037 | 50 W PTC Enclosure HEATER | 100-250V AC-DC | IP20 | TERMINALS |
| 5 | 3100.1039 | 75 W PTC Enclosure HEATER | 100-250V AC-DC | IP20 | TERMINALS |
| 6 | 3100.1041 | 100 W PTC Enclosure HEATER | 100-250V AC-DC | IP20 | TERMINALS |
| 7 | 3100.1043 | 150 W PTC Enclosure HEATER | 100-250V AC-DC | IP20 | TERMINALS |
| 8 | 3100.1045 | 100 W FAN PTC Enclosure HEATER | 100-250V AC-DC | IP20 | TERMINALS |
| 9 | 3100.1047 | 150 W FAN PTC Enclosure HEATER | 100-250V AC-DC | IP20 | TERMINALS |
| 10 | 3100.1049 | 250 W FAN RESISTANCE Enclosure HEATER | 230V AC 50/60 Hz | IP20 | TERMINALS |
| 11 | 3100.1051 | 500 W FAN RESISTANCE Enclosure HEATER | 230V AC 50/60 Hz | IP20 | TERMINALS |
| 12 | 3100.1053 | 750 W FAN RESISTANCE Enclosure HEATER | 230V AC 50/60 Hz | IP20 | TERMINALS |



| LIST NO | PRODUCT CODE | A (mm) | B (mm) | C (mm) | WEIGHT |
|---------|--------------|--------|--------|--------|--------|
| 1 | 3100.1031 | 60 | 50 | 27 | 110 |
| 2 | 3100.1033 | 70 | 50 | 27 | 120 |
| 3 | 3100.1035 | 128 | 70 | 59 | 340 |
| 4 | 3100.1037 | 138 | 70 | 59 | 360 |
| 5 | 3100.1039 | 178 | 70 | 59 | 500 |
| 6 | 3100.1041 | 188 | 70 | 59 | 520 |
| 7 | 3100.1043 | 228 | 70 | 59 | 640 |
| 8 | 3100.1045 | 170 | 89 | 60 | 700 |
| 9 | 3100.1047 | 210 | 89 | 60 | 940 |
| 10 | 3100.1049 | 152 | 110 | 80 | 1040 |
| 11 | 3100.1051 | 182 | 110 | 80 | 1260 |
| 12 | 3100.1053 | 232 | 110 | 80 | 1540 |

Enclosure Air-Conditioning

- Ventilation filters and fans
- Air-conditioners and heat exchangers
- Heaters
- Thermal control products



Ventilation Filters and Fan Filters

Ventilation Filters (Shutter)

Material : ABS RAL 7035
 IP Protection : IP54
 Tooth Type : Dismountable for cleaning



| LIST NO | PART CODE | FILTER INSIDE SIZE (mm) | FILTER OUTSIDE SIZE (mm) |
|---------|-----------|-------------------------|--------------------------|
| 1 | 3100.1093 | 92x92 | 112x112 |
| 2 | 3100.1095 | 125x125 | 150x167 |
| 3 | 3100.1097 | 222x222 | 250x267 |
| 4 | 3100.1099 | 290x290 | 325x325 |

Fan Filters

Material : ABS RAL 7035
 IP Protection : IP54
 Tooth Type : Dismountable for cleaning

| LIST NO | PRODUCT CODE | AIR FLOWRATE m3/h | ENGINE POWER W | FILTER OUTSIDE SIZE (mm) |
|---------|--------------|-------------------|----------------|--------------------------|
| 1 | 3100.1101 | 30/41 | 14/13 | 112x112 |
| 2 | 3100.1103 | 100/140 | 26/23 | 150x167 |
| 3 | 3100.1105 | 115/130 | 37/35 | 250x267 |
| 4 | 3100.1107 | 850/1200 | 110/140 | 325x325 |



3100.1103



Ceiling Type Ventilation Fans Erect System Enclosure Fan Unit (Ceiling)

| LIST NO | PRODUCT CODE | AIR FLOWRATE m3/h | ENGINE POWER W | Fan Unit Sizes (mm) | | | TOTAL WEIGHT |
|---------|--------------|-------------------|----------------|-----------------------|---------------------------|--------|--------------|
| | | | | CAP OUTSIDE SIZE (mm) | INTERIM CAGE OUTSIDE SIZE | HEIGHT | |
| 1 | 3100.1121 | 100-140 | 26/23 | 395x395 | 335x335 | 100 | 4,750 |

Fan Unit



3100.1121

Cap



Fan



Interim Cage



Bottom Screen



Wall Type Enclosure Fan Unit (Ceiling)

| LIST NO | PRODUCT CODE | AIR FLOWRATE m3/h | ENGINE POWER W | Fan Unit Sizes (mm) | | | TOTAL WEIGHT |
|---------|--------------|-------------------|----------------|-----------------------|---------------------------|--------|--------------|
| | | | | CAP OUTSIDE SIZE (mm) | INTERIM CAGE OUTSIDE SIZE | HEIGHT | |
| 1 | 3100.1123 | 30-41 | 14/13 | 295x295 | 235x235 | 75 | 3,500 |

Fan Ünitesi



3100.1123

Şapka



Fan



Orta Kafes



Fan Kafes Teli



Hood Fan Unit

| LIST NO | PRODUCT CODE | AIR FLOWRATE m3/h | ENGINE POWER W | Fan Unit Sizes (mm) | | TOTAL WEIGHT |
|---------|--------------|-------------------|----------------|------------------------|--------|--------------|
| | | | | HOOD OUTSIDE SIZE (mm) | HEIGHT | |
| 1 | 3100.1125 | 30-41 | 14/13 | 295x295 | 75 | |

Hood Fan Set



3100.1125

Hood



Fan



Fan Cage Wire



Top Fan



| LIST NO | PRODUCT CODE | FAN TYPE | FEED | POWER | NOMINAL CURRENT | NOISE LEVEL | FILTER CAPACITY |
|---------|--------------|-------------------|-----------------|--------|-----------------|-------------|-----------------|
| 1 | 3100.1141 | Ø172x163x51 Axial | 220v AC 50/60hz | 25/32W | 0,11/0,15A | 57dB | 400m³/h |
| 2 | 3100.1143 | Ø190x68 Radial | 220v AC 50/60hz | 58/75W | 0,26/0,34A | 62dB | 560m³/h |
| 3 | 3100.1145 | Ø220x68 Radial | 220v AC 50/60hz | 85/90W | 0,38/0,44A | 73dB | 970m³/h |
| 4 | 3100.1147 | Ø190x68 Radial | 110v AC 50/60hz | 60/73W | 0,54/0,64A | 63dB | 560m³/h |
| 5 | 3100.1149 | Ø220x68 Radial | 110v AC 50/60hz | 83/93W | 0,79/0,64A | 70dB | 970m³/h |



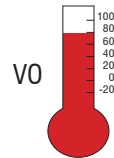
IP54



Polyurethane Seal



Radial Fan

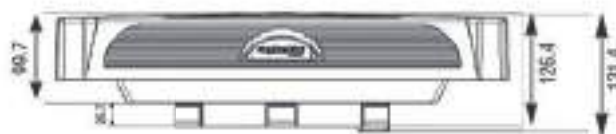
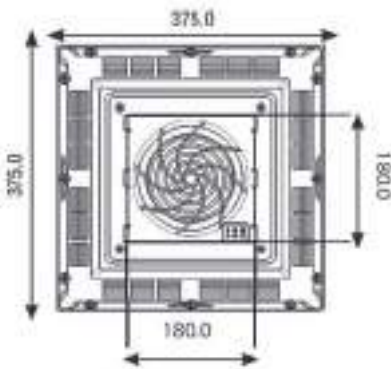


V0 Nonflammable ABS



Fast and Easy Assembly

TECHNICAL DRAWING

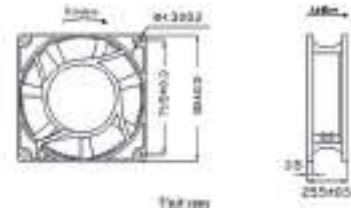


Industrial Fans-AC Feed

PF12038B - AXIAL FAN



120x120x38 mm
220VAC 50/60 Hz
Collar

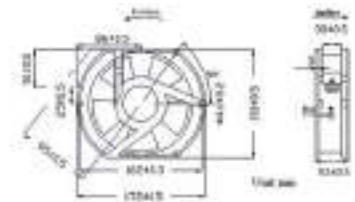


| LIST NO | CODE Unit | FEED V | FREQUENCY Hz | BEARING | CURRENT A | POWER W | SPEED Rpm | CAPACITY m3/h | CAPACITY dB(A) | WEIGHT (gr) |
|---------|-----------|--------|--------------|-----------|-----------|---------|-----------|---------------|----------------|-------------|
| 1 | 3100.1161 | 220VAC | 50/60 | Bilezikli | 0.14/0.13 | 26/23 | 2700 | 153/170 | 42/46 | 500 |

PF12038R - AXIAL FAN



120x120x38 mm
220VAC 50/60 Hz
Ball-bearing

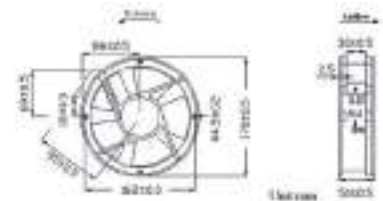


| LIST NO | CODE Unit | FEED V | FREQUENCY Hz | BEARING | CURRENT A | POWER W | SPEED Rpm | CAPACITY m3/h | CAPACITY dB(A) | WEIGHT (gr) |
|---------|-----------|--------|--------------|---------|-----------|---------|-----------|---------------|----------------|-------------|
| 1 | 3100.1163 | 220VAC | 50/60 | Rulman | 0.14/0.13 | 26/23 | 2700 | 153/170 | 42/46 | 500 |

PF17260R - AXIAL FAN



120x120x38 mm
220VAC 50/60 Hz
Ball-bearing

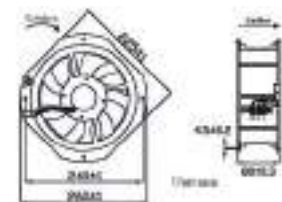


| LIST NO | CODE Unit | FEED V | FREQUENCY Hz | BEARING | CURRENT A | POWER W | SPEED Rpm | CAPACITY m3/h | CAPACITY dB(A) | WEIGHT (gr) |
|---------|-----------|--------|--------------|---------|-----------|---------|-----------|---------------|----------------|-------------|
| 1 | 3100.1165 | 220VAC | 50/60 | Rulman | 0.23/0.22 | 37/35 | 2400 | 255/289 | 52/53 | 950 |

PF22580R - AXIAL FAN



120x120x38 mm
220VAC 50/60 Hz
Ball-bearing



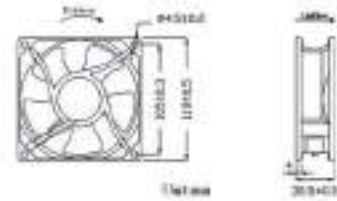
| LIST NO | CODE Unit | FEED V | FREQUENCY Hz | BEARING | CURRENT A | POWER W | SPEED Rpm | CAPACITY m3/h | CAPACITY dB(A) | WEIGHT (gr) |
|---------|-----------|--------|--------------|---------|-----------|---------|-----------|---------------|----------------|-------------|
| 1 | 3100.1167 | 220VAC | 50/60 | Rulman | 0.35 | 75 | 2600 | 1020 | 65 | 1920 |

Industrial Fans-AC Feed

A2V12C38T - AXIAL FAN



120x120x38 mm
220VAC 50/60 Hz
Collar

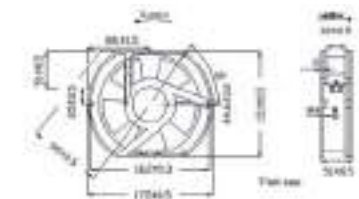


| LIST NO | CODE Unit | FEED V | FREQUENCY Hz | BEARING | CURRENT A | POWER W | SPEED Rpm | CAPACITY m3/h | CAPACITY dB(A) | WEIGHT (gr) |
|---------|-----------|--------|--------------|-----------|-----------|---------|-----------|---------------|----------------|-------------|
| 1 | 3100.1169 | 220VAC | 50/60 | Bilezikli | 0.13/0.10 | 20/16 | 2600 | 144/168 | 44/48 | 515 |

A2V17C51T - AXIAL FAN



172x150x51 mm
220VAC 50/60 Hz
Ball-bearing

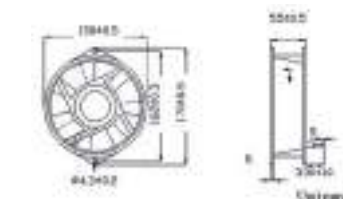


| LIST NO | CODE Unit | FEED V | FREQUENCY Hz | BEARING | CURRENT A | POWER W | SPEED Rpm | CAPACITY m3/h | CAPACITY dB(A) | WEIGHT (gr) |
|---------|-----------|--------|--------------|---------|-----------|---------|-----------|---------------|----------------|-------------|
| 1 | 3100.1171 | 220VAC | 50/60 | Rulman | 0.11/0.15 | 25/32 | 2600 | 336/390 | 57/61 | 875 |

A2V15C55T - AXIAL FAN



172x150x55 mm
220VAC 50/60 Hz
Ball-bearing

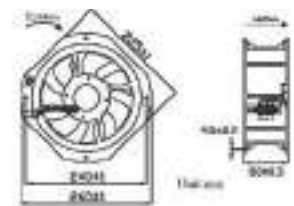


| LIST NO | CODE Unit | FEED V | FREQUENCY Hz | BEARING | CURRENT A | POWER W | SPEED Rpm | CAPACITY m3/h | CAPACITY dB(A) | WEIGHT (gr) |
|---------|-----------|--------|--------------|---------|-----------|---------|-----------|---------------|----------------|-------------|
| 1 | 3100.1173 | 220VAC | 50/60 | Rulman | 0.17/0.19 | 37/43 | 3000 | 342/410 | 57/61 | 1000 |

AA2V200-80T - AXIAL FAN



225x225x80 mm
220VAC 50/60 Hz
Ball-bearing



| LIST NO | CODE Unit | FEED V | FREQUENCY Hz | BEARING | CURRENT A | POWER W | SPEED Rpm | CAPACITY m3/h | CAPACITY dB(A) | WEIGHT (gr) |
|---------|-----------|--------|--------------|---------|-----------|---------|-----------|---------------|----------------|-------------|
| 1 | 3100.1175 | 220VAC | 50/60 | Rulman | 0.33 | 66 | 2600 | 1020 | 60 | 1920 |

Enclosure Air-conditioners

| LIST NO | PRODUCT CODE | DESCRIPTION | COOLING POWER | FEED | COLOR | A (mm) | B (mm) | C (mm) | WEIGHT |
|---------|--------------|------------------------------------|---------------|---------------|----------|--------|--------|--------|--------|
| 1 | 3100.1181 | STANDARD Enclosure AIR-CONDITIONER | 500 W | 230V 50/60 Hz | RAL 7035 | 500 | 205 | 310 | 18.00 |
| 2 | 3100.1183 | STANDARD Enclosure AIR-CONDITIONER | 750 W | 230V 50/60 Hz | RAL 7035 | 610 | 210 | 320 | 26.30 |
| 3 | 3100.1185 | STANDARD Enclosure AIR-CONDITIONER | 1000 W | 230V 50/60 Hz | RAL 7035 | 640 | 210 | 320 | 28.50 |
| 4 | 3100.1187 | STANDARD Enclosure AIR-CONDITIONER | 1500 W | 230V 50/60 Hz | RAL 7035 | 800 | 255 | 400 | 32.00 |
| 5 | 3100.1189 | STANDARD Enclosure AIR-CONDITIONER | 2000 W | 230V 50/60 Hz | RAL 7035 | 1000 | 255 | 400 | 43.50 |
| 6 | 3100.1191 | STANDARD Enclosure AIR-CONDITIONER | 2500 W | 230V 50/60 Hz | RAL 7035 | 1000 | 255 | 400 | 44.00 |



STANDARD

| LIST NO | PRODUCT CODE | DESCRIPTION | COOLING POWER | FEED | COLOR | A (mm) | B (mm) | C (mm) | WEIGHT |
|---------|--------------|--------------------------------|---------------|---------------|-------|--------|--------|--------|--------|
| 1 | 3100.1201 | INOX Enclosure AIR-CONDITIONER | 500 W | 230V 50/60 Hz | INOX | 500 | 205 | 310 | 18.00 |
| 2 | 3100.1203 | INOX Enclosure AIR-CONDITIONER | 750 W | 230V 50/60 Hz | INOX | 610 | 210 | 320 | 26.30 |
| 3 | 3100.1205 | INOX Enclosure AIR-CONDITIONER | 1000 W | 230V 50/60 Hz | INOX | 640 | 210 | 320 | 28.50 |
| 4 | 3100.1207 | INOX Enclosure AIR-CONDITIONER | 1500 W | 230V 50/60 Hz | INOX | 800 | 255 | 400 | 32.00 |
| 5 | 3100.1209 | INOX Enclosure AIR-CONDITIONER | 2000 W | 230V 50/60 Hz | INOX | 1000 | 255 | 400 | 43.50 |
| 6 | 3100.1211 | INOX Enclosure AIR-CONDITIONER | 2500 W | 230V 50/60 Hz | INOX | 1000 | 255 | 400 | 44.00 |

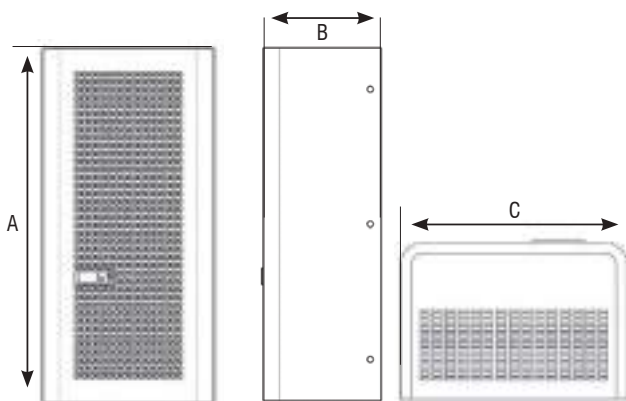


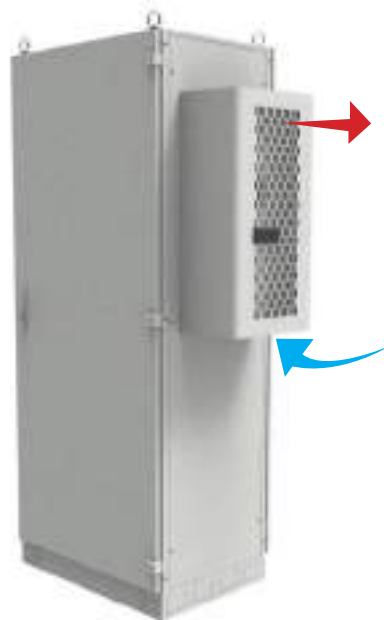
INOX STAINLESS

| LIST NO | PRODUCT CODE | DESCRIPTION | COOLING POWER | FEED | COLOR | A (mm) | B (mm) | C (mm) | WEIGHT |
|---------|--------------|--------------------------------|---------------|---------------|----------|--------|--------|--------|--------|
| 1 | 3100.1221 | IP65 Enclosure AIR-CONDITIONER | 500 W | 230V 50/60 Hz | RAL 7035 | 500 | 205 | 310 | 18.00 |
| 2 | 3100.1223 | IP65 Enclosure AIR-CONDITIONER | 750 W | 230V 50/60 Hz | RAL 7035 | 610 | 210 | 320 | 26.30 |
| 3 | 3100.1225 | IP65 Enclosure AIR-CONDITIONER | 1000 W | 230V 50/60 Hz | RAL 7035 | 640 | 210 | 320 | 28.50 |
| 4 | 3100.1227 | IP65 Enclosure AIR-CONDITIONER | 1500 W | 230V 50/60 Hz | RAL 7035 | 800 | 255 | 400 | 32.00 |
| 5 | 3100.1229 | IP65 Enclosure AIR-CONDITIONER | 2000 W | 230V 50/60 Hz | RAL 7035 | 1000 | 255 | 400 | 43.50 |
| 6 | 3100.1245 | IP65 Enclosure AIR-CONDITIONER | 2500 W | 230V 50/60 Hz | RAL 7035 | 1000 | 255 | 400 | 44.00 |



IP65 EXTERNAL TYPE





Lock, Hinge and Accessory Options

Lock Options

Wall Type Lock Models

Plastic Models



| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|------------------------------------------------------------------|-------------|
| 1 | 3400.1201 | Lock with Cylinder Handle (Black) | 0,046 |
| 2 | 3400.1203 | Lock with Cylinder Handle (RAL 7035) | 0,046 |
| 3 | 3400.1205 | Quarter Turn Lock with Handle (Black) | 0,044 |
| 4 | 3400.1207 | Quarter Turn Lock with Handle (RAL 7035) | 0,044 |
| 5 | 3400.1209 | Quarter Turn Lock with Handle (Black) | 0,068 |
| 6 | 3400.1211 | Quarter Turn Lock with Handle (RAL 7035) | 0,068 |
| 7 | 3400.1213 | Quarter Turn Lock with Notch Key Functionally Fitting (Black) | 0,079 |
| 8 | 3400.1215 | Quarter Turn Lock with Notch Key Functionally Fitting (RAL 7035) | 0,079 |
| 9 | 3400.1217 | Functional Lock (Black) | 0,052 |
| 10 | 3400.1219 | Functional Lock (RAL 7035) | 0,052 |



Metal Models (Quarter Turn Locks)

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|----------------------------------------------|-------------|
| 11 | 3400.1231 | Quarter Turn, Zamak, Notch Key, Spring Lock | 0,072 |
| 12 | 3400.1233 | Quarter Turn, Zamak, Butterfly Lock | 0,109 |
| 13 | 3400.1235 | Cylindrical Butterfly Lock, Zamak | 0,132 |
| 14 | 3400.1237 | Padlock Carrier Quarter Turn Lock | 0,085 |
| 15 | 3400.1239 | Quarter Turn, Zamak, Triangle Lock | 0,128 |
| 16 | 3400.1241 | Mini Quarter Turn, Zamak, Butterfly Lock | 0,085 |
| 17 | 3400.1243 | Mini Quarter Turn, Zamak, Coin does not open | 0,032 |
| 18 | 3400.1245 | Mini Quarter Turn, Zamak, Coin does not open | 0,019 |



Lock Options Slider Locks

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|-----------------------------------------------------------------------------------|-------------|
| 1 | 3400.1251 | Polyamide body Espagnolette lock with handle and slide cover (RAL 7035) | 0,622 |
| 2 | 3400.1253 | Polyamide body Espagnolette lock with handle and slide cover (Black) | 0,622 |
| 3 | 3400.1255 | Polyamide body Espagnolette lock with handle and slide cover (RAL 7035) (Padlock) | 0,298 |
| 4 | 3400.1257 | Polyamide body Espagnolette lock with handle and slide cover (Black) (Padlock) | 0,667 |
| 5 | 3400.1259 | Polyamide body Espagnolette lock with handle and slide cover (Black) (Big) | 0,657 |
| 6 | 3400.1261 | Polyamide body Espagnolette lock with handle and slide cover (RAL 7035) (Big) | 0,420 |
| 7 | 3400.1263 | Zamak body Espagnolette lock with handle and slide cover (RAL 7035) (Black) | 0,298 |
| 8 | 3400.1265 | Zamak body Espagnolette lock with handle and slide cover (RAL 7035) (Metallic) | 0,310 |
| 9 | 3400.1267 | Zamak body Espagnolette Lock Mechanism for Lap Door, | 0,310 |
| 10 | 3400.1269 | Espagnolette Lock without handle | 0,165 |



Key Models

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|------------------------------------|-------------|
| 11 | 3400.1271 | Notched 05 Metal (Small) | 0,008 |
| 12 | 3400.1273 | Triangle 08 Metal (Small) | 0,030 |
| 13 | 3400.1279 | Notched 05 Plastic Metal (Small) | 0,011 |
| 14 | 3400.1291 | Notched 05 Plastic Metal (Big) | 0,016 |
| 15 | 3400.1293 | Cylindrical Lock Key (Single Type) | 0,024 |
| 16 | 3400.1295 | Square Key | 0,024 |



Lock cylinder models

| LIST NO | PART CODE | DESCRIPTION | 3400.1281 | 3400.1283 | 3400.1285 | 3400.1287 |
|---------|-----------|---------------------------------|-----------|-----------|-----------|-----------|
| 1 | 3400.1281 | Cylinder with notch switch | | | | |
| 2 | 3400.1283 | Cylinder with square switch | | | | |
| 3 | 3400.1285 | Cylinder with star-delta switch | | | | |
| 4 | 3400.1287 | Cylinder with password | | | | |

Hidden Hinge Models

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|---------------------------------------------------------------|-------------|
| 1 | 3400.1301 | Hidden Sheet Hinge (Door centered) m3 | 0,020 |
| 2 | 3400.1303 | Hidden Zamak Big Hinge (Door centered) | 0,005 |
| 3 | 3400.1305 | Hidden enclosure hinge, 5 mm sheet with screw (Door centered) | 0,028 |
| 4 | 3400.1307 | Hidden Aluminum Hinge (Door centered) m3 | 0,092 |
| 5 | 3400.1309 | Hidden Zamak Hinge (For narrow twist) | 0,083 |
| 6 | 3400.1311 | Pivot hinge with spring (12 mm set) | 0,063 |
| 7 | 3400.1313 | Pivot hinge with spring (Plastic) | 0,048 |

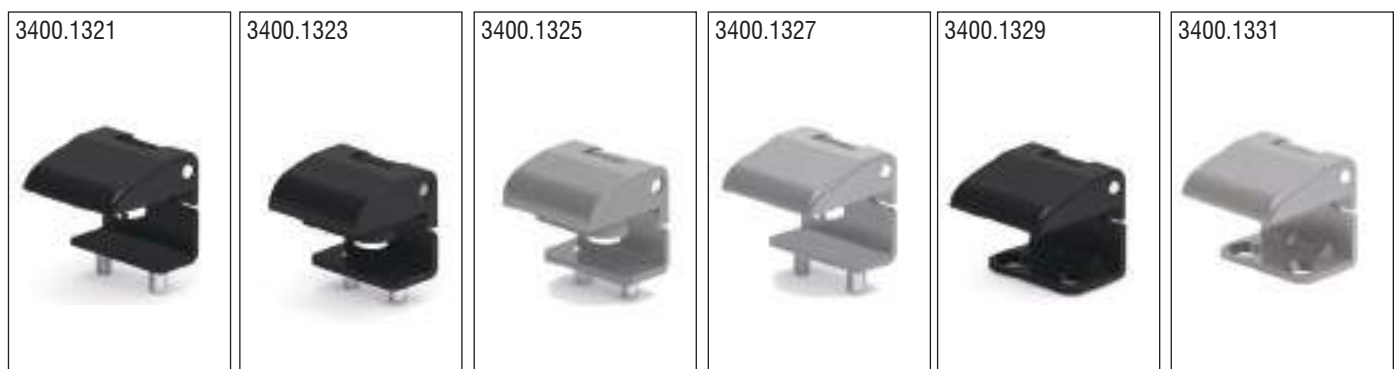


System Automation Enclosure Inside Cover Pivot

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|-----------------------------------------------------------|-------------|
| 1 | 3400.1337 | System Automation Enclosure inside casing pivot hinge set | 0,250 |

Outer Corner Hinge Models Covers with Outward Protrusion (180°)

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|-----------------------------------|-------------|
| 1 | 3400.1321 | Wall type enclosure hinge (Black) | 0,100 |
| 2 | 3400.1323 | Wall type enclosure hinge (7035) | 0,089 |
| 3 | 3400.1325 | Modular3 enclosure hinge (Black) | 0,089 |
| 4 | 3400.1327 | Modular3 enclosure hinge (7035) | 0,100 |
| 5 | 3400.1329 | Modular2 enclosure hinge (Black) | 0,101 |
| 6 | 3400.1331 | Modular2 enclosure hinge (7035) | 0,101 |



Outer Hinge Models Embedded Cover

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|----------------------------------------------------------|-------------|
| 1 | 3400.1441 | Backflap hinge (zamak black, with screw 40x40 mm) | 0,039 |
| 2 | 3400.1443 | Backflap hinge (zamak black, with screw 40x40mm RAL7035) | 0,044 |
| 3 | 3400.1445 | Backflap hinge (zamak black, 40x40 mm, with hole) | 0,044 |
| 4 | 3400.1447 | Backflap hinge (RAL7035, 40x40 mm, with hole) | 0,053 |
| 5 | 3400.1449 | Backflap hinge 30x40 mm zamak black with 3 screws | 0,053 |
| 6 | 3400.1451 | Backflap hinge 30x40 mm zamak RAL7035 with 3 screws | 0,039 |

3400.1441



3400.1443



3400.1445



3400.1447



3400.1447



3400.1449



3400.1449



3400.1451



Door Stopper Truss Models

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|--------------------------------------------------------------------------|-------------|
| 1 | 3400.1401 | Right Truss Open Length: 160 mm (Piano, remote and wall type enclosures) | 0,078 |
| 2 | 3400.1403 | Left Truss Open Length: 160 mm (Piano, remote and wall type enclosures) | 0,078 |
| 3 | 3400.1405 | Left Truss Open Length: 315 mm (Piano, remote and wall type enclosures) | 0,124 |
| 4 | 3400.1407 | Right Truss Open Length: 315 mm (Piano, remote and wall type enclosures) | 0,124 |
| 5 | 3400.1409 | Left Truss Open Length: mm (Erect enclosure) | 0,355 |
| 6 | 3400.1411 | Right Truss Open Length: mm (Erect enclosure) | 0,355 |

3400.1401



3400.1403



3400.1405



3400.1407



3400.1409



3400.1411



Inside Cover Slide Handles

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|------------------------------------|-------------|
| 1 | 3400.1421 | Slide lock with spring (Yank 8x13) | 0,011 |
| 2 | 3400.1423 | Slide lock with spring (Yank 8x13) | 0,006 |

3400.1421



3400.1423



Handles

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|-----------------------------------------------------------|-------------|
| 1 | 3400.1521 | Handle Corner Part (Polyamide) | 0,010 |
| 2 | 3400.1523 | Handle Interim Part (Polyamide) | 0,094 |
| 3 | 3400.1525 | Handle Pipe 30x1 mm Steel PVC Coated (1 meter price) | 0,735 |
| 4 | 3400.1527 | Polyamide Corners, Aluminum Pipe | 0,061 |
| 5 | 3400.1529 | Drawer Handle Hole center: 122 mm/M8x15 screw (Polyamide) | 0,053 |
| 6 | 3400.1531 | Hole center: 79 mm-4 mm/64 mm-4mm sheet screw (ABS) | 0,095 |
| 7 | 3400.1533 | Knoble split dimension: 90x50 mm (ABS) | 0,048 |



Stainless Lock, Hinge and Scissors

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|--------------------------------------------------------------|-------------|
| 1 | 3400.1501 | Stainless, Espagnolette lock with handle | 0,078 |
| 2 | 3400.1503 | Stainless, Espagnolette lock with handle | 0,078 |
| 3 | 3400.1505 | Stainless, Quarter Turn Notch Key Lock IP65 | 0,130 |
| 4 | 3400.1507 | Stainless, Quarter Turn Triangle Key Lock | 0,130 |
| 5 | 3400.1551 | Stainless, Quarter Turn Lock with handle | 0,320 |
| 6 | 3400.1553 | Stainless, Hidden Hinge, Door Centered | 0,223 |
| 7 | 3400.1555 | Stainless, Zamak Body Hidden Winged Hinge (For narrow twsit) | 0,265 |
| 8 | 3400.1557 | Stainless, Right Truss Open Length: 315 mm | 0,090 |
| 9 | 3400.1559 | Stainless, Left Truss Open Length: 160 mm | 0,090 |
| 10 | 3400.1561 | Stainless, Right Truss Open Length: 315 mm | 0,030 |
| 11 | 3400.1563 | Stainless, Left Truss Open Length: 315 mm | 0,065 |
| 12 | 3400.1565 | Stainless, Right Truss Open Length: Mm | 0,355 |
| 13 | 3400.1567 | Stainless, Left Truss Open Length: mm | 0,355 |



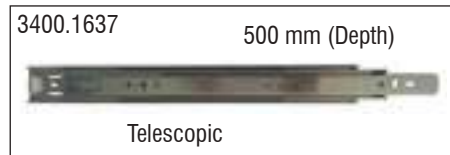
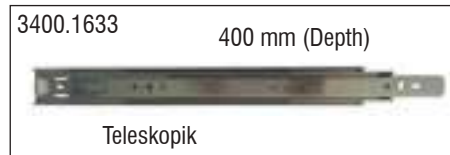
Wheels and Raisings

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|----------------------------------------------------|-------------|
| 1 | 3400.1601 | M8 SCREW Bureau Type. H:65 mm | 0,054 |
| 2 | 3400.1603 | Enclosure WHEEL WITH BRAKE ED01 HKM 055FH:85 mm | 0,022 |
| 3 | 3400.1605 | Enclosure WHEEL WITHOUT BRAKE ED01 HKM 055FH:85 mm | 0,444 |
| 4 | 3400.1607 | M8 STUD PINGO FOOT H:18 mm | 0,465 |
| 5 | 3400.1609 | M8 STUD HOOKED FOOT H:30 mm | 0,058 |



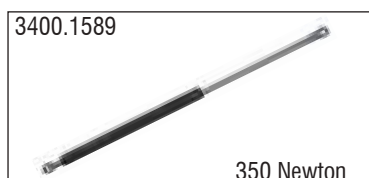
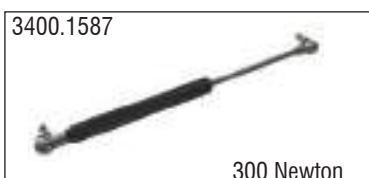
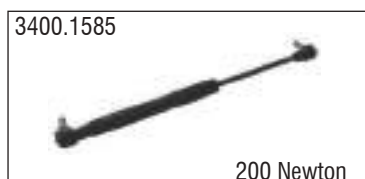
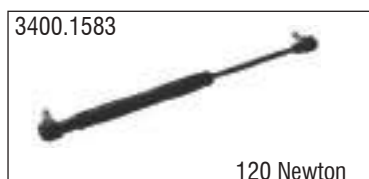
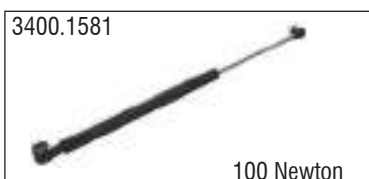
Drawer Rails

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|--------------------------------|-------------|
| 1 | 3400.1631 | Flat Rail, Depth: 400 mm | 0,350 |
| 2 | 3400.1633 | Telescopic Rail, Depth: 300 mm | 0,593 |
| 3 | 3400.1635 | Telescopic Rail, Depth: 400 mm | 0,250 |
| 4 | 3400.1637 | Telescopic Rail, Depth: 500 mm | 0,746 |



Door Stopper Amortizers

| LIST NO | PART CODE | DESCRIPTION | DIMENSION (MM) FROM SCREW CENTER | | WEIGHT (kg) |
|---------|-----------|-----------------------|-------------------------------------|-------|-------------|
| | | | OPEN | CLOSE | |
| 1 | 3400.1581 | Amortizer, 100 Newton | 0,450 | 0,450 | 0,450 |
| 2 | 3400.1583 | Amortizer, 120 Newton | 0,465 | 0,465 | 0,465 |
| 3 | 3400.1585 | Amortizer, 200 Newton | 0,470 | 0,470 | 0,470 |
| 4 | 3400.1587 | Amortizer, 300 Newton | 0,500 | 0,500 | 0,500 |
| 5 | 3400.1589 | Amortizer, 350 Newton | 0,550 | 0,550 | 0,550 |



Project Pocket

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|------------------|-------------|
| 1 | 3400.1691 | Big 220x215 (A4) | 0,152 |

3400.1691



Counter Glasses

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|------------------------------------------------------------------|-------------|
| 1 | 3400.1721 | Outer Dimension: 178x232, Internal Dimension: 154x224 X5 | 0,052 |
| 2 | 3400.1723 | Outer Dimension: 120x179, Internal Dimension: 98x117 Three-Phase | 0,175 |
| 3 | 3400.1725 | Outer Dimension: 100x125, Internal Dimension: 87x112 Mono-Phase | 0,100 |

3400.1721

3400.1723

3400.1725



IP Protection glass roving seal is applied at IP55-65 protection class

Cable Entry Hole Blind Plugs

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|-----------------------------------------|-------------|
| 1 | 3400.1661 | Hole Dimension (Including nut): 15,2 mm | 0,002 |
| 2 | 3400.1663 | Hole Dimension (Including nut): 22,5 mm | 0,005 |
| 3 | 3400.1665 | Hole Dimension (Including nut): 28,3 mm | 0,008 |
| 4 | 3400.1667 | Hole Dimension (Including nut): 37 mm | 0,011 |
| 5 | 3400.1669 | Hole Dimension (Including nut): 47 mm | 0,023 |

3400.1661

3400.1663

3400.1665



3400.1667

3400.1669



W Automate Excessive Space Closer

| LIST NO | PART CODE | DESCRIPTION | WEIGHT (kg) |
|---------|-----------|------------------------|-------------|
| 1 | 3400.1681 | Closes 45x216 mm Space | 0,028 |

3400.1681



Excessive fuse space closer

Seals

| LIST NO | PART CODE | DESCRIPTION |
|---------|-----------|---------------------------------------------------|
| 1 | 4000.1011 | Rubber (U) Roving for 1-2 mm sheet (8x6 mm) Black |
| 2 | 4000.1013 | Rubber (U) Roving for 1-2 mm sheet (8x6 mm) Gray |
| 3 | 4000.1015 | Counter glass roving seal 3,0 mm (Neopran) |
| 4 | 4000.1017 | (20x5 mm) Neopran seal |
| 5 | 4000.2111 | (20x5 mm) Neopran seal |

4000.1017



4000.2111



4000.1015



4000.1011



4000.1013



Retouch Spray Paints

| LIST NO | PART CODE | DESCRIPTION | AĞIRLIK (ml) |
|---------|-----------|-----------------------------------|--------------|
| 1 | 5000.1003 | RAL 7035 Cellulosic Retouch Paint | 400 |
| 2 | 5000.1005 | RAL 9001 Cellulosic Retouch Paint | 400 |
| 3 | 5000.1007 | RAL 9002 Cellulosic Retouch Paint | 400 |
| 4 | 5000.1009 | RAL 9005 Cellulosic Retouch Paint | 400 |

5000.1003



5000.1007



5000.1005



5000.1009



We have the most preferred retouch paints in our inventory.
Other colors are provided upon request.

| Enclosure Assembly and Connection Parts | | | | |
|-----------------------------------------|---------|-----------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| LIST NO | PAGE NO | PART CODE | DESCRIPTION | PICTURE |
| 1 | 147 | 4000.2121 | M5 SPECIAL CONTACT HAZARD PROTECTION NUT WITH HOLE GENERAL PURPOSE |  |
| 2 | 147 | 4000.2123 | M5 SPECIAL CONTACT HAZARD PROTECTION NUT WITHOUT HOLE GENERAL PURPOSE |  |
| 3 | 87-272 | 4000.2125 | M5 SPECIAL SCREW (WITH HOLE) |  |
| 4 | 87-272 | 4000.2127 | M5 SPECIAL SCREW (WITHOUT HOLE) |  |
| 5 | 305 | 3400.1421 | SLIDE LOCK |  |
| 6 | 306 | 3400.1521 | KNOBLE SPLIT DIMENSION: 90X50 mm |  |
| 7 | 306 | 3400.1423 | CONTACT HAZARD PROTECTION SLIDE LOCK |  |
| 8 | 204 | 2210.0093 | WALL MOUNTING EAR |  |
| 9 | 223 | 2210.0085 | GLASS HOLDER TOOTH (WALL TYPE) |  |
| 10 | 117 | 2210.0103 | GLASS HOLDER TOOTH (ERECTED ECLOSURE) |  |
| 11 | 210 | 2210.0087 | WALL TYPE Enclosure DOOR FIXING BRACKET |  |
| 12 | - | 2210.0094 | WALL TYPE Enclosure DOOR FIXING EAR |  |
| 13 | 210 | 2210.0089 | WALL TYPE Enclosure DOOR FIXING BRACKET (CORNER) |  |
| 14 | 227 | 2210.0091 | LAMA NUT FOR M5BACKFLAP HINGE |  |
| 15 | 290 | 3300.1221 | EARTH NEUTRAL BUSBARS PAGE:290 |  |
| 16 | 291 | 3300.1243 | 4-POLE BRASS DISTRIBUTOR BUSBARS PAGE: 291 |  |
| 17 | 302 | 3400.1207 | WALL TYPE PLASTIC LOCKS PAGE: 302 |  |
| 18 | 302 | 3400.1241 | WALL TYPE METAL LOCKS PAGE: 302 |  |
| 19 | 304 | 3400.1313 | WALL TYPE Enclosure HINGES PAGE: 304 |  |
| 20 | 304 | 3400.1303 | PLASTIC BARREL HINGE (WITH SPRING) |  |

| Enclosure Assembly and Connection Parts | | | | |
|-----------------------------------------|---------|-----------|-------------------------------------------------------------------|---------|
| LIST NO | PAGE NO | PART CODE | DESCRIPTION | PICTURE |
| 21 | 307 | 3400.1603 | M8 STUD PINGO FOOT, H:18 MM | |
| 22 | 307 | 3400.1601 | RUBBER Enclosure FOOT 40X30 MM M8 STUD, H: 30 MM | |
| 23 | - | 4000.3251 | M5X25 SCREW WITH BAKALITE HANDLE | |
| 24 | 307 | 3400.1609 | BUREAU TYPE WITH 8 MM SCREW, H:65MM | |
| 25 | 307 | 3400.1607 | Enclosure WHEEL WITH BREAK, ED01 HKM 055F. H:85 MM | |
| 26 | 307 | 3400.1605 | Enclosure WHEEL WITHOUT BREAK, ED01 HKM 055F. H:85 MM | |
| 27 | 290 | 3300.1211 | MESHED, 1,5X13 MM LENGTH:230 MM GROUNDING CABLE BETWEEN BODY-DOOR | |
| 28 | 290 | 3300.1213 | M6 GROUNDING CABLE BETWEEN BODY-DOOR | |
| 29 | 290 | 3300.1203 | KYK M6 ROUND END PLUG-IN CABLE SHOE | |
| 30 | 290 | 3300.1201 | KYK M6 ROUND END CABLE SHOE | |
| 31 | 290 | 3300.1205 | SKP MB CABLE SHOE | |
| 32 | 147 | 1990.1233 | MONOPHASE COUNTER CONTACT HAZARD PROTECTION 163X393/167X405 | |
| 33 | 147 | 1990.1227 | THREEPHASE COUNTER CONTACT HAZARD PROTECTION 200X473 | |
| 34 | 308 | 3400.1661 | GROUP | |
| 35 | 308 | 3400.1725 | GROUP | |
| 36 | 308 | 4000.1017 | GROUP | |
| 37 | 308 | 5000.1003 | RETOUCH SPRAY PAINTS | |
| 38 | 308 | 3400.1681 | W AUTOMATE EXCESSIVE SPACE CLOSER 42X216 MM | |

| Enclosure Assembly and Connection Parts | | | | |
|-----------------------------------------|---------|-----------|----------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PAGE NO | PART CODE | DESCRIPTION | PICTURE |
| 39 | 40 | 4000.3141 | M10 EYEBOLT |  |
| 40 | 40 | 4000.3143 | M10 FEMALE EYEBOLT OUTDOOR Enclosure |  |
| 41 | 39 | 2210.0007 | EYEBOLT |  |
| 42 | 39 | 2210.0005 | EYEBOLT |  |
| 43 | 39 | 2210.0009 | EYEBOLT WASHER |  |
| 44 | 38 | 2210.0003 | COMBINED Enclosure CARRIER EYEBOLT |  |
| 45 | 38 | 2210.0008 | M2 RAISING EYEBOLT (CIRCLE) |  |
| 46 | 39 | 2210.0001 | OUTDOOR Enclosure SIDE RAISING EYEBOLT |  |
| 47 | 39 | 2210.0002 | ERECT OUTDOOR CARRIER EYEBOLT WITH CAP |  |
| 48 | 65 | 1210.0067 | BOTTOM CABLE HOLDER CARRIER |  |
| 49 | 74 | 2210.0045 | ASSEMBLY PLATE DEPTH LATERAL CONNECTION POLE |  |
| 50 | 75 | 2210.0061 | FRONT SCREWED ASSEMBLY PLATE POLE (CENTER) |  |
| 51 | 75 | 2210.0049 | FRONT SCREWED ASSEMBLY PLATE POLE (LEFT) |  |
| 52 | 75 | 2210.0047 | FRONT SCREWED ASSEMBLY PLATE POLE (RIGHT) |  |
| 53 | 75 | 2210.0063 | SINGLE PART COMPENSATION ASSEMBLY PLATE POLE |  |
| 54 | 106 | 2210.0081 | BACK COVER ASSEMBLY BRACKET |  |
| 55 | 107 | 2210.0083 | SEALED BACK DOOR, INSIDE SCREW HOLDER |  |
| 56 | 108 | 2210.0101 | CHANNEL PROFILE HOLDER |  |
| 57 | 121 | 2210.0105 | LAP LEFT DOOR HOLDER LATCH (TOP) |  |
| 58 | 121 | 2210.0107 | LAP LEFT DOOR HOLDER LATCH (BOTTOM) |  |

| Enclosure Assembly and Connection Parts | | | | |
|-----------------------------------------|---------|-----------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PAGE NO | PART CODE | DESCRIPTION | PICTURE |
| 59 | 51 | 2210.0015 | ASSEMBLY PLATE FIXING BRACKET |  |
| 60 | 77 | 2210.0109 | LONGITUDINALLY WIDE ASSEMBLY PLATE CENTER-BOTTOM FIXING BRACKET |  |
| 61 | 43 | 2210.0013 | MODULAR 2 Enclosure INSIDE LIGHTING LAMP SWITCH BRACKET |  |
| 62 | 43 | 2210.0011 | MODULAR 2 Enclosure INSIDE LIGHTING LAMP BRACKET |  |
| 63 | 51 | 2220.1631 | TPS RAISING SETS |  |
| 64 | 53 | 2210.0027 | ASSEMBLY PLATE DEPTH ADJUSTMENT SETS PAGE:53 |  |
| 65 | 66 | 2210.0071 | EARTH NEUTRAL BUSBAR CARRIER (SET) |  |
| 66 | 307 | 3400.1581 | DOOR STOPPER AMORTIZERS |  |
| 67 | 307 | 3400.1635 | DRAWER RAILS |  |
| 68 | 306 | 3400.1523 | HANDLES, PAGE: 306 |  |
| 69 | 304 | 3400.1327 | OUTER CORNER HINGE SERIES, PAGE: 305 |  |
| 70 | 304 | 3400.1309 | HIDDEN HINGE |  |
| 71 | 303 | 3400.1255 | LOCKS WITH HANDLE AND SLIDE, PAGE: 303 |  |
| 72 | 305 | 3400.1503 | DOOR STOPPER TRUSSES, PAGE:304 |  |
| 73 | 306 | 3400.1551 | STAINLESS LOCK, HINGE AND TRUSSES, PAGE:304 |  |
| 74 | 75 | 4000.2123 | M6 SIDE COVER ASSEMBLY NUT BOLT M2 Enclosure |  |
| 75 | 95 | 4000.3117 | M6 20X20 DOOR PROFILE ASSEMBLY NUT BOLT M2 Enclosure |  |
| 76 | 111 | 4000.3111 | M6 LAP DOOR ESPAGNOLETTE LATCH ASSEMBLY NUT BOLT M2 Enclosure |  |
| 77 | 121 | 4000.3113 | M6 ESPAGNOLETTE LATCH ASSEMBLY NUT BOLT M2 Enclosure |  |
| 78 | 121 | 4000.3115 | |  |


| Enclosure Assembly and Connection Parts | | | | |
|-----------------------------------------|---------|-----------|---------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PAGE NO | PART CODE | DESCRIPTION | PICTURE |
| 79 | 304 | 3400.1337 | SYSTEM AUTOMATION Enclosure INSIDE COVER HINGE SET |  |
| 80 | 136 | 4000.3145 | M10X75 EYEBOLT STUD OUTDOOR Enclosure |  |
| 81 | 75 | 4000.3155 | UNITING ASSEMBLY PLATE STONE POLE FIXING M2 Enclosure (ZAMAK) |  |
| 82 | 111 | 4000.3151 | 20X20 DOOR PROFILE CORNER JOINTING (ZAMAK) |  |
| 83 | 121-208 | 4000.3153 | LAP DOOR IP PROTECTION (ZAMAK) |  |
| 84 | 40 | 4000.3131 | JOINT HOLE CLOSER |  |
| 85 | 40 | 4000.3133 | 6MM HIDDEN HINGE HOLE CLOSER M2 PLASTIC |  |
| 86 | 40 | 4000.3135 | 9X6 OBROUND HINGE HOLE CLOSER M2 PLASTIC |  |
| 87 | 74 | 2210.0065 | LONGITUDINAL ASSEMBLY PLATE PLASTIC CARRIER POLE |  |
| 88 | 308 | 3400.1691 | PROJECT POCKET |  |
| 89 | 121 | 2220.4041 | MECHANISM POLE |  |
| 90 | 314 | 4000.3431 | M6 ESPAGNOLETTE ROD BED NUT |  |
| 91 | 314 | 4000.3433 | ESPAGNOLETTE ROD BED NUT PLASTIC |  |









| Enclosure Assembly and Connection Parts | | | | |
|-----------------------------------------|---------|-----------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PAGE NO | PART CODE | DESCRIPTION | PICTURE |
| 92 | - | 4000.3161 | M5 POLYESTER HINGE WASHER IP 65 SEAL GENERAL |  |
| 93 | - | 4000.3167 | M6 POLYESTER, RONDEL WASHER, MODULAR 3, SIDE CLOSER, KNURLED |  |
| 94 | - | 4000.3163 | M6 POLYESTER, ASSEMBLY PLATE WASHER, IP65 SEAL, GENERAL |  |
| 95 | - | 4000.3165 | M6 POLYCARBONATE, COUNTERSINK WASHER, IP65 Enclosure CLOSER, CONIC, GENERAL |  |
| 96 | - | 4000.3171 | M10 POLYAMIDE EYEBOLT WASHER, IP65 SEAL, M2 Enclosure |  |
| 97 | - | 4000.3169 | M6 WIDE SHEET WASHER, GENERAL |  |
| 98 | - | 4000.3181 | M4 FLANGED NUT GENERAL |  |
| 99 | - | 4000.3183 | M5 FLANGED NUT GENERAL |  |
| 100 | - | 4000.3185 | M6 FLANGED Enclosure JOINT AND ASSEMBLY PLATE NUT |  |
| 101 | - | 4000.3187 | M8 FLANGED NUT (FOR PLINTH) |  |
| 102 | - | 4000.3189 | M10 FLANGED NUT, EYEBOLT ASSEMBLY NUT |  |
| 103 | - | 4000.3191 | M12 FLANGED NUT, FOR MODULAR 3 EYEBOLT STUD |  |
| 104 | - | 4000.3211 | M4 NUT (FLAT) GENERAL |  |
| 105 | - | 4000.3213 | M5 NUT (FLAT) GENERAL |  |
| 106 | - | 4000.3215 | M6 NUT (FLAT) GENERAL |  |
| 107 | - | 4000.3221 | M5 CAGE NUT GENERAL CURTAIN CARRIER |  |
| 108 | - | 4000.3223 | M6 CAGE NUT M2 TOP COATING ASSEMBLY NUT |  |

| Enclosure Assembly and Connection Parts | | | | |
|-----------------------------------------|---------|-----------|---------------------------------------------------------------|---------|
| SIRA NO | PAGE NO | PART CODE | DESCRIPTION | PICTURE |
| 109 | - | 4000.3261 | M4X10 CHANNEL SCREW BRUSH SCREW | |
| 110 | - | 4000.3263 | M5X15 CHANNEL SCREW GENERAL | |
| 111 | - | 4000.3265 | M6X10 CHANNEL SCREW Enclosure JOINT SCREW | |
| 112 | - | 4000.3267 | M8X15 CHANNEL SCREW PLINTH ASSEMBLY SCREW | |
| 113 | - | 4000.3269 | M3,9X16 YHB DRILL BIT FOOT RAISING SCREW M2 ENCLOSURE | |
| 114 | - | 4000.3271 | M4 GROUND BUSBAR RIVET NUT | |
| 115 | - | 4000.3273 | M5 RIVET NUT ROUND WIDE HEAD WALL TYPE FOR GROUNDING | |
| 116 | - | 4000.3275 | M5 RIVET NUT ROUND O-HEAD BACKFLAP HINGE | |
| 117 | - | 4000.3277 | M6 RIVET NUT HEXAGON PART FOR CONNECTION SKID (O-HEAD) | |
| 118 | - | 4000.3279 | M6 RIVET NUT ROUND O-HEAD M3 HINGE | |
| 119 | - | 4000.3281 | M6 RIVET NUT ROUND O-HEAD M3 HINGE | |
| 120 | - | 4000.3283 | M6 RIVET NUT ROUND WIDE O-HEAD WALL TYPE | |
| 121 | - | 4000.3285 | M6 RIVET NUT ROUND O-HEAD CLOSED IP65 WALL ENCLOSURE EAR | |
| 122 | - | 4000.3287 | M10 RIVET NUT ROUND WIDE O-HEAD SURFACE VERTICAL EXTERNAL CAP | |
| 123 | - | 4000.3341 | M4X10 CENTRE PROJECT POCKET SCREW GENERAL | |
| 124 | - | 4000.3343 | M6X10 CENTRE DOOR AND BODY GROUND SCREW GENERAL | |
| 125 | - | 4000.3345 | M6X15 CENTRE DOOR PROFILE SCREW M2 ENCLOSURE | |
| 126 | - | 4000.3347 | M6X20 CENTRE SCREW 10 MM TWISTED ASSEMBLY PLATE SCREW | |
| 127 | - | 4000.3349 | M6X25 CENTRE SCREW ASSEMBLY PLATE SCREW (WALL TYPE) | |
| 128 | - | 4000.3427 | M6X8 COMBI DOOR HINGE SCREW M2 ENCLOSURE | |

| Enclosure Assembly and Connection Parts | | | | |
|-----------------------------------------|---------|-----------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SIRA NO | PAGE NO | PART CODE | DESCRIPTION | PICTURE |
| 129 | - | 4000.3231 | 4X20 KEY HEAD SCREW FOR RAIL ASSEMBLY |  |
| 130 | - | 4000.3233 | M5X10 SEALED BACK DOOR, INSIDE HOLDER SCREW |  |
| 131 | - | 4000.3235 | M5X20 KEY COUNTERSUNK COUNTER CONTACT HAZARD PROTECTION CARRIER SCREW |  |
| 132 | - | 4000.3237 | M6X15 KEY HEAD ASSEMBLY PLATE SIDE USE ASSEMBLY SCREW |  |
| 133 | - | 4000.3239 | M6X25 KEY HEAD IP65 WALL TYPE ASSEMBLY PLATE SCREW |  |
| 134 | - | 4000.3241 | M6X20 KEY HEAD WALL TYPE ASSEMBLY PLATE SCREW |  |
| 135 | - | 4000.3243 | M8X20 KEY HEAD CARCASS JOINT SCREW |  |
| 136 | - | 4000.3245 | M10X20 KEY HEAD SCREW EYEBOLT ASSEMBLY SCREW |  |
| 137 | - | 4000.3401 | M5X15 CROSS COUNTERSINK HEAD WALL ENCLOSURE BACKFLAP HINGE SCREW |  |
| 138 | - | 4000.3403 | M6X10 CROSS COUNTERSINK HEAD SIDE COVER SCREW M2 ENCLOSURE |  |
| 139 | - | 4000.3405 | M6X20 CROSS COUNTERSINK HEAD SCREW (BACK DOOR) |  |
| 140 | - | 4000.3407 | M6X25 CROSS COUNTERSINK HEAD TOP COVER ASSEMBLY SCREW |  |
| 141 | - | 4000.3409 | M6X30 CROSS COUNTERSINK HEAD PLINTH FRONT-BACK COVER SCREW M2 ENCLOSURE |  |
| 142 | - | 4000.3411 | M6X20 BACK COVER (BLIND HEAD) SCREW M2 ENCLOSURE |  |
| 143 | - | 4000.3413 | M6X25 SIDE COVER (BLIND HEAD) SCREW M2 ENCLOSURE |  |
| 144 | - | 4000.3421 | M5X8 CROSS COUNTERSINK HEAD GUIDE SCREW WALL Enclosure BOTTOM TOP PLATE |  |
| 145 | - | 4000.3423 | M5X8 CROSS COUNTERSINK HEAD GUIDE SCREW WALL Enclosure BOTTOM TOP PLATE |  |
| 146 | - | 4000.3425 | M6X10 TORQUE GUIDE SCREW M2 ENCLOSURE |  |
| 147 | - | 4000.3429 | M4.8X10 BUTT DOOR BRIDGE PROFILE SCREW M2 ENCLOSURE |  |
| 148 | - | 4000.2264 | M4X15 BUSBAR ASSEMBLY SCREW |  |

Erect System Enclosure Assembly Sets

| | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| <p>Espagnolette Lock Set Without Handle Set Without Handle (Notched Key) Anahtarlı)</p> <p>3400.1269</p>  <p>3400.1273</p>  <p>KİLİT LAMA SÜRĞÜ (SET)</p> <p>4000.3433 4000.3431</p> | <p>Erect System Enclosure With Espagnolette Lock Set RAL 7035</p> <p>3400.1255</p>  <p>3400.1273</p>  <p>4000.3433 4000.3431</p> | <p>Erect System Self-Screw Corner Hinge Set M6</p> <p>3400.1327</p>  <p>4000.3427 4000.3213</p> | <p>Erect System Hidden Hinge Set M5x10 Screw</p> <p>3400.1311</p>  | <p>Erect System Enclosure Plinth Front-Back Cover Fixing Screw Set M6x30 Cage Nut</p> <p>4000.3409</p>  <p>4000.3223</p> | <p>Erect System Enclosure Plinth Cap Fixing Screw Set M8x15</p> <p>4000.3267</p>  <p>4000.3187</p> | <p>Ip65 Erect System Enclosure Internal Screwing Bracket Set M6x20/M4x20</p> <p>2210.0083</p>  <p>4000.3411 4000.3185</p>  <p>4000.3233 4000.3213</p> |

| | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| <p>Erect System Ring (Eyebolt) Set M10</p> <p>4000.3141</p>  <p>2210.0009</p>  <p>4000.3189</p> | <p>Erect System Monobloc Enclosure Raising and Carrying Eyebolt Set M8x15</p> <p>2210.0002</p>  <p>4000.3267 4000.3187</p> | <p>Project Pocket Set M4x10 Screw/Nut</p> <p>3400.1691</p>  <p>4000.2343 4000.2183</p> | <p>Ventilation Filter Shutter Set</p> <p>3100.1093</p>  <p>150x150 mm</p> | <p>Ventilation Fan Filter Shutter Set</p> <p>3100.1093</p>  <p>3100.1101</p> | <p>Door Strengthening Profile Fixing Butterfly Set and Butt Screw</p> <p>2210.0101</p>  <p>4000.3429</p> | <p>20x20 Door Strengthening Profile Joint ZAMAK</p> <p>4000.2145</p>  |

| | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15 | 16 | 17 | 18 | 19 | 20 |
| <p>Piano Remote System Door Stopper Set (Right-Left)</p> <p>SOL 3400.1503</p>  <p>SAG 3400.1401</p>  <p>4000.2343 4000.2183</p> | <p>Door Strengthening Profile Set without Glass</p> <p>2220.3451</p>  <p>4000.2145 4000.3111</p>  <p>4000.2345</p> | <p>Door Strengthening Profile Set with Glass</p> <p>2220.3451</p>  <p>4000.2145 4000.3111</p>  <p>4000.2345 2210.0103</p> | <p>Drawer Telescopic Rail set M4x15 Screw/Nut</p> <p>3400.1633</p>  <p>4000.2264 4000.2183</p> | <p>Erect System Enclosure Wheel Set with Brake M8x15 Screw</p> <p>3400.1607</p>  <p>4000.3267 4000.3187</p> | <p>Erect System Enclosure Wheel Set without Brake M8x15 Screw</p> <p>3400.1605</p>  <p>4000.3267 4000.3187</p> |

Erect System Enclosure Assembly Sets

21

IP55 Outdoor Enclosure Side Cable Entry Bracket Set

1990.1285



4000.2345 4000.3185

22

Erect System Ceiling Type Ventilation Fan Set

3100.1121



23

Erect System Ceiling Type Ventilation Fan Set

4000.2121



4000.3235 4000.3213

24

Erect System Ceiling Type Ventilation Fan Set

4000.2123



4000.3235 4000.3213

25

Erect System Compensation Enclosure Assembly Plate Assembly Set

2210.0063



4000.3265 4000.3185

26

Erect System Ring (Eyebolt) Set M10

4000.3143



4000.3145
































4000.3189








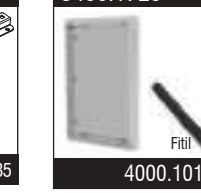









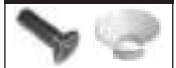


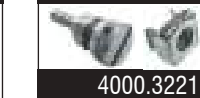

4000.3171



Wall Type Enclosure Assembly Sets

| | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 IP40 Wall Type Enclosure Lock Set with Clips Handle RAL7035 (with metal key)</p> <p>3400.1207</p>  <p>3400.1291</p> | <p>2 IP40 Wall Type Enclosure Lock Set with Clips Handle Black (with plastic key)</p> <p>3400.1205</p>  <p>3400.1271</p> | <p>3 IP40 Wall Type Enclosure Cylindrical Lock with Clips Handle Black (with the same password key)</p> <p>3400.1209</p>  | <p>4 IP40 Wall Type Enclosure Cylindrical Lock with Clips Handle RAL7035 (with the same password key)</p> <p>3400.1211</p>  | <p>5 IP65 Wall Type Enclosure Quarter Turn Lock (with triangle key)</p> <p>3400.1237</p>  <p>3400.1291</p> | <p>6 IP65 Wall Type Enclosure Quarter Turn Butterfly Lock (with fixed butterfly key)</p> <p>3400.1239</p>  | <p>7 IP65 Wall Type Enclosure Quarter Turn Butterfly Lock (with fixed butterfly padlock)</p> <p>3400.1233</p>  |
| <p>8 IP65 Wall type panel With Quarter Curved Lock (With notch switch)</p> <p>3400.1241</p>  <p>3400.1291</p> | <p>9 IP40 Wall type panel With plastic cover With Quarter Curved Lock Black (With notch switch)</p> <p>3400.1213</p>  <p>3400.1291</p> | <p>10 IP40 Functional Lock RAL 7035</p> <p>3400.1219</p>  | <p>11 Wall type Corner Hinge Set M5 Nut M5x10 Special Screw</p> <p>3400.1325</p>  <p>4000.2185</p> | <p>12 IP65 Wall type surface mounted panel Hidden aluminum hinge M5 Polyamide washer</p> <p>3400.1313</p>  <p>4000.3163</p> | <p>13 Surface and flush mounted embedded door Backflap hinge 40x40 M5x10 screw M5 Rivet nut</p> <p>3400.1441</p>  <p>4000.3273 4000.3401 2210.0091</p>  <p>4000.3407</p> | <p>14 Hinge with spring pivot PLASTIC</p> <p>3400.1303</p>  |
| <p>15 IP40 Wall Type Surface Mounted Enclosure Hidden Aluminum Hinge</p> <p>3400.1313</p>  | <p>16 Earth Neutral Busbar Fixing Screw Set M4x15</p> <p>4000.2264</p>  <p>4000.2183</p> | <p>17 IP40 Assembly Plate Fixing Screw Set M6x25</p> <p>4000.3341</p>  <p>4000.3185</p> | <p>18 Contact hazard protection Closer Fixing Screw Set M5x10 Channel screw</p> <p>4000.3263</p>  <p>4000.2185</p> | <p>19 Contact hazard protection Closer External Fixing Screw Set M6x10</p> <p>4000.3265</p>  <p>4000.3185</p> | <p>20 Door profile fixing Screw Set M6</p> <p>4000.3111</p>  <p>4000.2347</p> | <p>21 Door Grounding Fixing Screw Set M6x10 Guide Screw and M6 screw and nut</p> <p>4000.3427</p>  <p>4000.2345 4000.3185</p> |
| <p>22 Wall Type Worksite Enclosure Plug Pan Assembly Fixing Screw Set Mx20/ M5</p> <p>4000.3251</p>  <p>4000.3221</p> | <p>23 Plinth (Foot) Raising Fixing Screw Set Cross-Countersink-Head Drill Bit Screw 9,5x16</p> <p>2210.0089</p>  | <p>24 IP65 Wall Type Enclosure Assembly Plate Screw M6x25/M6 Nut/M6 Washer</p> <p>4000.3239</p>  <p>4000.3185 4000.3163</p> | <p>25 Lap Door IP Protection and M5x10 Guide Screw Set</p> <p>4000.3153</p>  <p>4000.3421</p> | <p>26 Bottom-Top Plate Assembly Plate Screw M5x10 Guide Screw</p> <p>4000.3423</p>  | <p>27 IP65 Bottom-Top Plate Assembly Screw M5x10/ Washer</p> <p>4000.3423</p>  <p>4000.3167</p> | <p>28 Wall Type Door Z Reinforcement Fixing Screw M6 Screw and Nut</p> <p>4000.2345</p>  <p>4000.3185</p> |

Wall Type Enclosure Assembly Sets

| | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>29</p> <p>Contact hazard protection Fixing Screw with Special Spring M5 Cage Nut Without Hole</p> <p>4000.2125</p>  <p>4000.3221</p> | <p>30</p> <p>Wall Type Glass Assembly Tooth Set M6 Screw and Nut</p> <p>2210.0085</p>  <p>4000.2345 4000.3185</p> | <p>31</p> <p>Enclosure Foot (Pingo) Set M8x25</p> <p>3400.1603</p>  <p>4000.2287</p> | <p>32</p> <p>Wall Type Enclosure Cover Cable Carrier Set M6x10 Guide Screw</p> <p>1990.1951</p> <p>EN:400mm KAPI</p>  <p>4000.3423</p> | <p>33</p> <p>Wall Type Enclosure Z Reinforcement M6x10 Screw Nut</p> <p>1990.1921</p> <p>BOY:300mm KAPI</p>  <p>4000.2345 4000.3185</p> | <p>34</p> <p>X5 Counter Reading Glass Set 154x224 Polycarbonate</p> <p>3400.1725</p>  <p>4000.1015</p> | <p>35</p> <p>IP65 Wall Type Enclosure Wall Mounting Ear Set M6x20/Blind Head Rivet Nut</p> <p>2210.0093</p>  <p>4000.3341 4000.3283</p> |
| <p>36</p> <p>Slide Lock for Contact hazard protection and Covers Plastic</p> <p>3400.1421</p>  | <p>37</p> <p>IP40 Wall Type Enclosure Wall Mounting Ear Set M6x20 Rivet Nut</p> <p>2210.0093</p>  <p>4000.3341 4000.2283</p> | <p>38</p> <p>Worksite Enclosure Carrying Handle Set With M6x20 Screw</p> <p>3400.1523</p>  <p>4000.3185 4000.3237</p> | <p>39</p> <p>Fuse Distribution Enclosure 19+1 Neutral Busbar M5x20 Cylindrical Head Screw M5 Nut</p> <p>3300.1223</p>  <p>4000.2264</p> <p>4000.3211</p> | <p>40</p> <p>Fuse Distribution Enclosure 11+1 Neutral Busbar M5x20 Cylindrical Head Screw M5 Nut</p> <p>3300.1221</p>  <p>4000.2264</p> <p>4000.3211</p> | <p>41</p> <p>Fuse Distribution Enclosure 19+1 Neutral Busbar M5x20 Cylindrical Head Screw M5 Rivet Nut</p> <p>3300.1227</p>  <p>4000.2264</p> <p>4000.3271</p> | <p>42</p> <p>Fuse Distribution Enclosure 11+1 Grounding Busbar M5x20 Cylindrical Head Screw M5 Rivet Nut</p> <p>3300.1225</p>  <p>4000.2264</p> <p>4000.3271</p> |
| <p>43</p> <p>Wall Type Enclosure Door Fixing Bracket Set EDGE</p> <p>2210.0087</p>  <p>4000.3269</p> <p>4000.3165</p>  <p>4000.3405</p> | <p>44</p> <p>Wall Type Enclosure Door Fixing Bracket Set CORNER</p> <p>2210.0089</p>  <p>4000.3269</p> <p>4000.3165</p>  <p>4000.3405</p> | <p>45</p> <p>Wall Type Enclosure Door Fixing Bracket Set WITH HOLE</p> <p>4000.2127</p>  <p>4000.3221</p> | <p>46</p> <p>M6x10 Guide Screw köşe</p> <p>4000.3427</p>  | | | |

Standards

Definition of Enclosure with Type Test

All the manufacturers should design and produce their products in line with the certain standards within scope of type test conditions. IEC 61439-1/2 is the standard attributed to the enclosures. The enclosures, which have been proved to be in compliance with these standards through design and validation method or by means of testing mentioned in IEC 61439-1/2 standards, are called type-tested enclosures. The enclosure meant with the type-tested enclosure definition has the “must-to-have” features, technically. However, the additional features to be needed by the user for instance labeling way or wide cable connection space, etc. cannot be defined with the “type-tested” phrase. These features are additionally defined and demanded in the specifications. Electronical enclosure manufacturing is not a kind of repetitive manufacturing type. enclosures may be with plenty of combinations depending on the project. Since many of the tests defined in IEC 61439-1/2 standards are out of practice, it is not practically possible to apply these tests on the enclosures manufactured.

Therefore, practical “design validation” methods have been introduced in order to be used instead of the degraded tests in the IEC 61439-1/2 standards. IEC 61439-1/2 standards stipulate the robust routine test and design validation practices to be applied on each enclosure and reported.

We guarantee our MODULAR2 system tested in accredited laboratories under IEC 61439-1/2 standards, and present reliable solutions...

Modular2 TYPE TEST

DESIGN TESTS PERFORMED

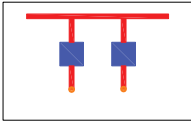
1. In accordance with IEC 61439-1 standard, article 10.2:
Inspection of strength of materials and associated portions
2. In accordance with IEC 61439-1 standard, article 10.3:
Inspection of protection level of enclosures
3. In accordance with IEC 61439-1 standard, article 10.4:
Inspection of insulation openings and surface leak way lengths
4. In accordance with IEC 61439-1 standard, article 10.5:
Inspection of protection against electricity shock and integrity of protective circuits
5. In accordance with IEC 61439-1 standard, article 10.6:
Inspection of switching orders and component joints
6. In accordance with IEC 61439-1 standard, article 10.7:
Inspection of internal electricity circuits and connections
7. In accordance with IEC 61439-1 standard, article 10.8:
Inspection of connections of external conductors

PERFORMANCE TESTS PERFORMED

1. In accordance with IEC 61439-1 standard, article 10.9:
Inspection of dielectric features
2. In accordance with IEC 61439-1 standard, article 10.10:
Inspection of temperature thresholds (based on an environment temperature of 35 oC)
Inspection of temperature thresholds (based on an environment temperature of 50 oC)
3. In accordance with IEC 61439-1 standard, article 10.11:
Inspection of short circuit protection and short circuit resistance
4. In accordance with IEC 61439-1 standard, article 10.12:
Inspection of Electromagnetic compatibility
5. In accordance with IEC 61439-1 standard, article 10.13:
Inspection of Mechanical operation

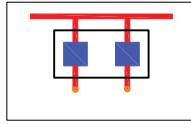
MODULAR2 FORMATION GUIDE

Form 1



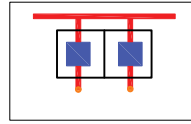
No internal separation

Form 2a



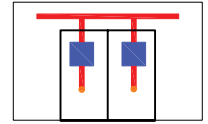
Switch separated from distribution busbar

Form 3a



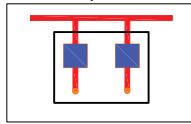
Connection ends separated from busbars

Form 4a Tip 1



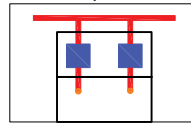
Connection ends did not separate from busbars

Form 2b Tip 1



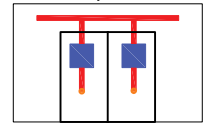
Connection ends separated from busbars

Form 3b Tip 1



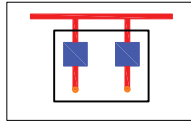
Connection ends and external conductors no separated from busbars

Form 4a Tip 2-3



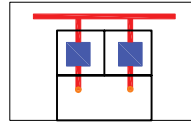
Connection ends separated from busbars

Form 2b Tip 2



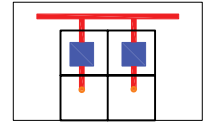
Connection ends separated from busbars

Form 3b Tip 2



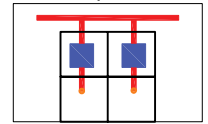
Connection ends and external conductors no separated from busbars

Form 4b Tip 4



Connection ends not present in the same cell with relevant functional unit

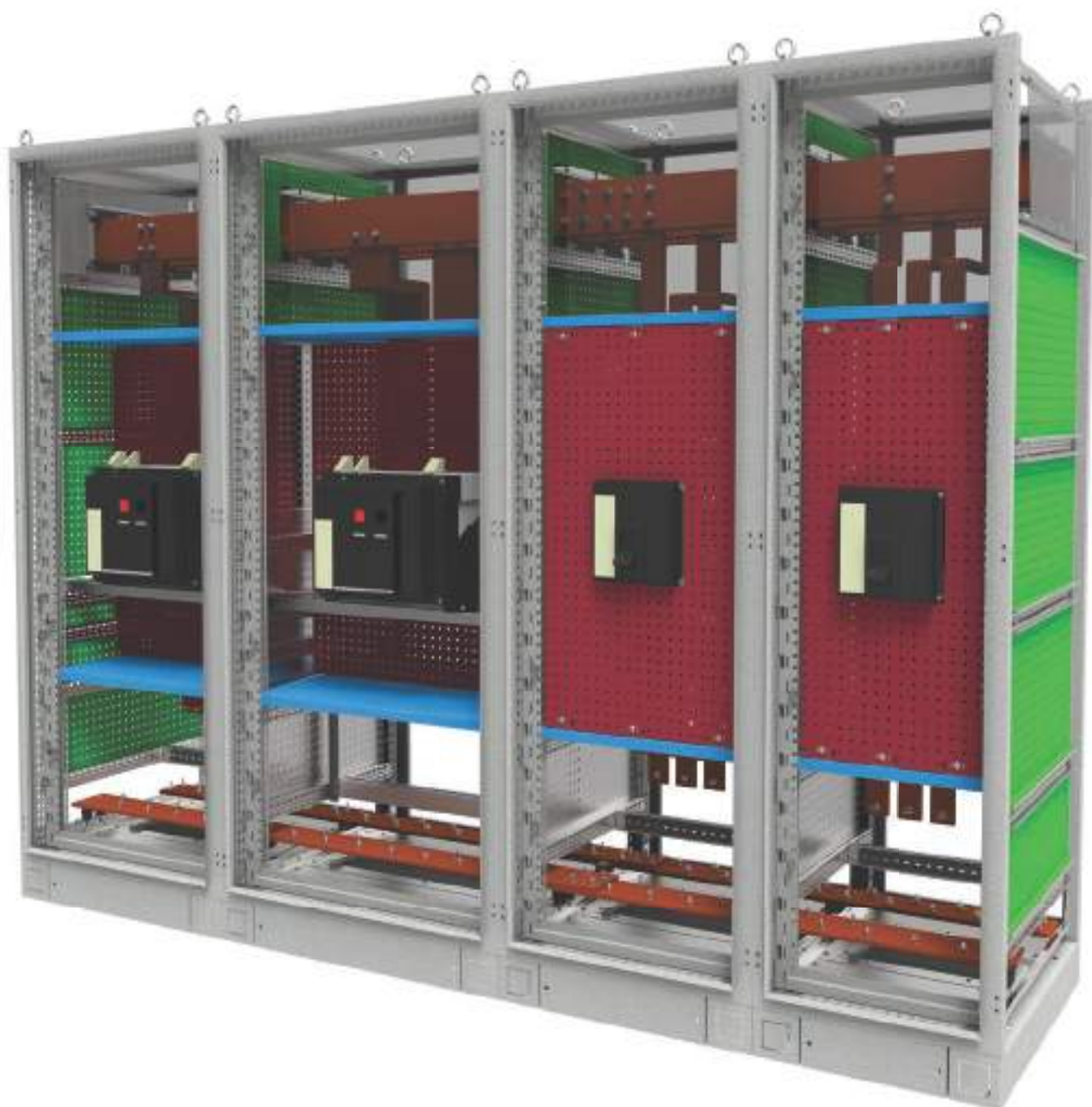
Form 4b Tip 5-6-7



Connection ends not present in the same cell with relevant functional unit

Form 4B

Adherence to Structural Forms



- Form 2a
- Form 3a
- Form 3b
- Form 4b

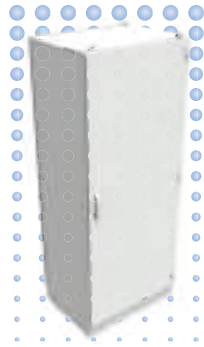
IP PROTECTION CLASSES

First Figures: Protection against solid objects
0-Unprotected

Second Figures: Protection against liquid objects
0-Unprotected



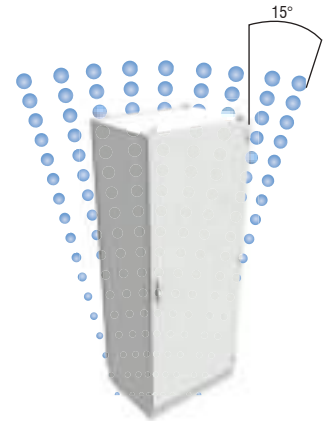
Protection against objects larger than 50 mm
coincidental manual touch



Protection against vertical rain
drops (precipitation, vapor)



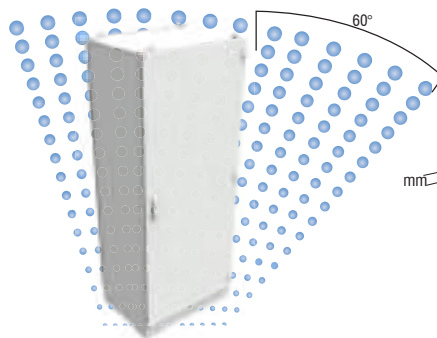
Protection against objects
larger than 15 mm (fingers)



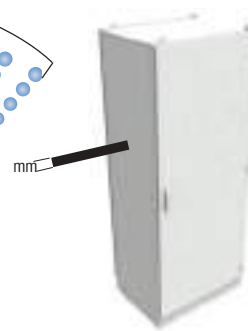
Protection against rain drops falling with an
angle of 15°



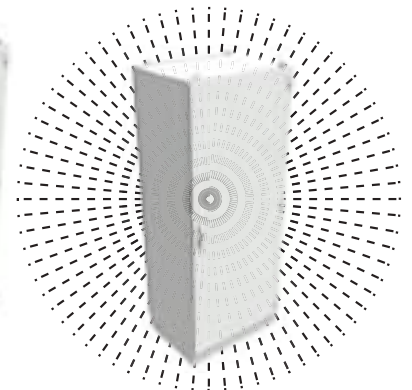
Protection against objects larger than 2,5
mm (device, cable)



Protection against water spraying with
an angle of 60° from any direction



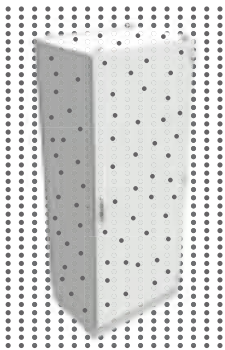
Protection against objects larger than 1 mm
(device, cable)



Protection against water spraying
from any direction

İlk Sayılar: Katı cisimlere karşı koruma
0 - Korumasız

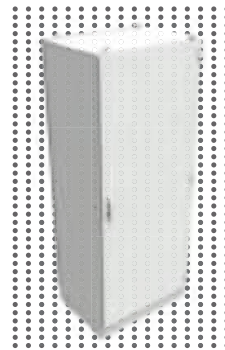
İkinci Sayılar: Sıvılara karşı koruma
0 - Korumasız



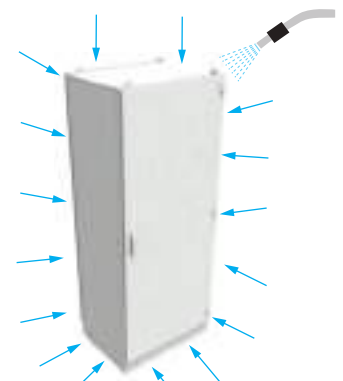
First Figures: Protection against solid objects
0-Unprotected



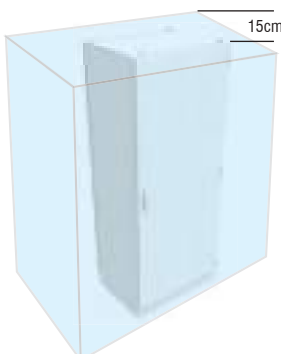
Second Figures: Protection
against liquid objects
0-Unprotected



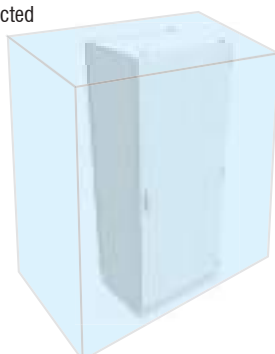
Protection against dust (no
harmful accumulation)



Protection against water flushing
from any direction



Protection against temporary water dipping

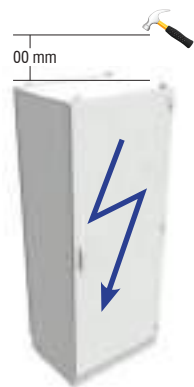


Protection against permanent water dipping

IK MECHANICAL DURABILITY



Unprotected



0,140 Joule impact energy



0,300 Joule impact energy



0,500 Joule impact energy



0,700 Joule impact energy



1,00 Joule impact energy



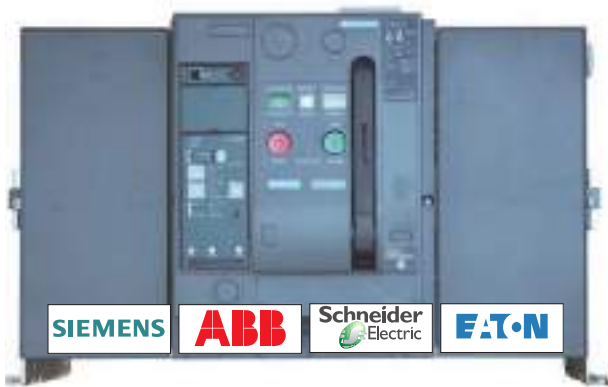
2,00 Joule impact energy



10,00 Joule impact energy



20,00 Joule impact energy

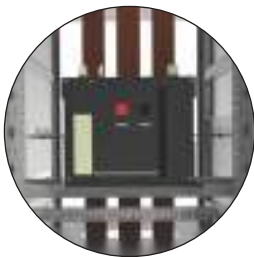




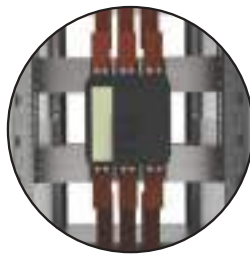
Modular2 design can be adopted to any project

- Up to protection class of IP65
- 60 KA short circuit resistance
- Up to a rated circuit of 4000 A
- Up to an operational voltage of 600 A
- Form 4B
- Up to a rated circuit of 6kV

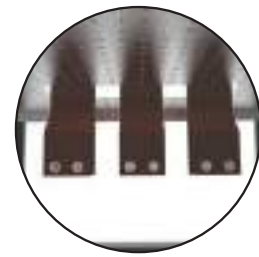
Open type switch module



Compact type switch module



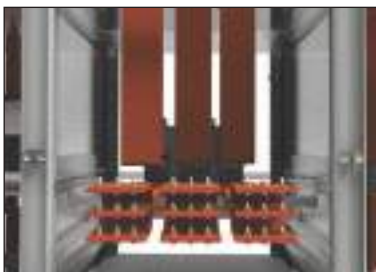
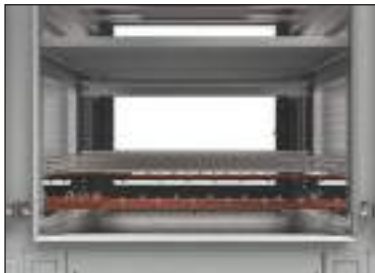
Cable connection module



Busbar Module



Low Voltage Switching and Control Equipment for IEC 61439-2



MODÜLER3 IP40
FORM4B Enclosure with Glass Cover

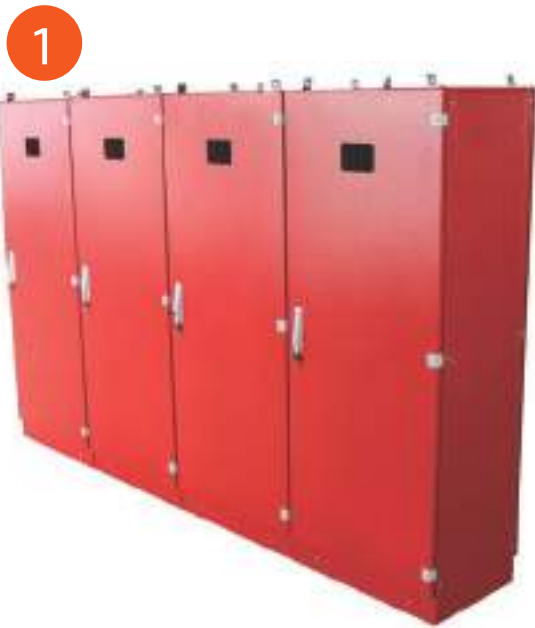


Multi Compartment Enclosure Solutions





Products Produced with Different Colors and Models



Products Produced with Different Colors and Models

Machine Control Enclosure

8



9



10



11



12



13



14



Products Produced with Different Colors and Models

15



16



17



18



19



Products Produced with Different Colors and Models

20



21



22



23





Registration Certificate

This is to certify that
The Occupational Health & Safety Management Systems of

**ERSOY PANO ELEKTRİK MALZEMELERİ
İMALAT İTHALAT İHRACAT
PAZARLAMA SAN. VE TİC. LTD. ŞTİ.**

have been assessed by AJA Registry and registered
against the requirements of

OHSAS 18001 : 2007

Certificate No. : **AJA 170024** Date of Valid Registration : **06/06/2017**

Expiry Date : **05/06/2020** Date of Next Registration : ..



Abdülhalim İslamoğlu
General Manager



İşletmelerin yönetim sistemleri ISO 9001/14001/45001 standartlarına göre değerlendirilerek sertifikasyon işlemi gerçekleştirilir. Sertifikasyon işlemi, işletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir. İşletmelerin yönetim sistemlerinin sürekli olarak geliştirilmesini sağlar. İşletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir. İşletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir.

Yönetim Sistem Belgesi

Bu Sertifika

**ERSOY PANO ELEKTRİK MALZEMELERİ
İMALAT İTHALAT İHRACAT PAZARLAMA
SAN. VE TİC. LTD. ŞTİ.**

firmasının ISO 14001:2004
şartlarına uygun bir Çevre Yönetim Sistemine
sahip olduğunu onaylar.

Belge No. : **AJA 171004** Belgelendirme Tarihi : **06/06/2017**

Gezme Tarihi : **14/06/2020** Sonraki Belgelendirme Tarihi : ..



Abdülhalim İslamoğlu
Genel Müdür



İşletmelerin yönetim sistemleri ISO 9001/14001/45001 standartlarına göre değerlendirilerek sertifikasyon işlemi gerçekleştirilir. Sertifikasyon işlemi, işletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir. İşletmelerin yönetim sistemlerinin sürekli olarak geliştirilmesini sağlar. İşletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir. İşletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir.

Yönetim Sistem Belgesi

Bu Sertifika

**ERSOY PANO ELEKTRİK MALZEMELERİ
İMALAT İTHALAT İHRACAT PAZARLAMA
SAN. VE TİC. LTD. ŞTİ.**

firmasının ISO 9001:2008
şartlarına uygun bir Kalite Yönetim Sistemine
sahip olduğunu onaylar.

Belge No. : **AJA 171003** Belgelendirme Tarihi : **06/06/2017**

Gezme Tarihi : **14/06/2020** Sonraki Belgelendirme Tarihi : ..



Abdülhalim İslamoğlu
Genel Müdür



İşletmelerin yönetim sistemleri ISO 9001/14001/45001 standartlarına göre değerlendirilerek sertifikasyon işlemi gerçekleştirilir. Sertifikasyon işlemi, işletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir. İşletmelerin yönetim sistemlerinin sürekli olarak geliştirilmesini sağlar. İşletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir. İşletmelerin yönetim sistemlerinin belirlenen standartlara uygun olarak çalıştığını gösterir.

References



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Torku



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ÇİMENTO

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| 1746 | 2220.2451 | M2 Vertical Carrier Gussets | 84 | | 1804 | 2220.2621 | M2 Erect Enclosure CHP | 90 | |
| 1747 | 2220.2453 | M2 Vertical Carrier Gussets | 84 | | 1805 | 2220.2623 | M2 Erect Enclosure CHP | 90 | |
| 1748 | 2220.2455 | M2 Vertical Carrier Gussets | 84 | | 1806 | 2220.2625 | M2 Erect Enclosure CHP | 90 | |
| 1749 | 2220.2457 | M2 Vertical Carrier Gussets | 84 | | | | | | |
| 1750 | 2220.2459 | M2 Vertical Carrier Gussets | 84 | | 1807 | 2220.2631 | M2 Erect Enclosure CHP | 90 | |
| 1751 | 2220.2461 | M2 Vertical Carrier Gussets | 84 | | 1808 | 2220.2633 | M2 Erect Enclosure CHP | 90 | |
| 1752 | 2220.2463 | M2 Vertical Carrier Gussets | 84 | | 1809 | 2220.2635 | M2 Erect Enclosure CHP | 90 | |
| 1753 | 2220.2465 | M2 Vertical Carrier Gussets | 84 | | 1810 | 2220.2637 | M2 Erect Enclosure CHP | 90 |  |
| 1754 | 2220.2467 | M2 Vertical Carrier Gussets | 84 | | 1811 | 2220.2639 | M2 Erect Enclosure CHP | 90 | |
| 1755 | 2220.2469 | M2 Vertical Carrier Gussets | 84 | | 1812 | 2220.2641 | M2 Erect Enclosure CHP | 90 | |
| 1756 | 2220.2471 | M2 Vertical Carrier Gussets | 84 | | 1813 | 2220.2643 | M2 Erect Enclosure CHP | 90 | |
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| 1757 | 2220.2481 | M2 Contact Hazard Protection Carriers | 85 | | | | | |  |
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| 1759 | 2220.2487 | M2 Contact Hazard Protection Carriers | 85 | | 1816 | 2220.2653 | M2 Erect Enclosure CHP | 90 | |


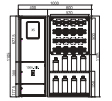







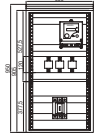
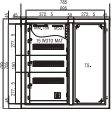
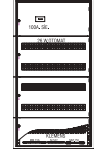
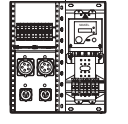


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| 1818 | 2220.2657 | M2 Erect Enclosure CHP | 90 | | 1875 | 2220.2799 | M2 Erect Enclosure CHP | 92 | |
| 1819 | 2220.2659 | M2 Erect Enclosure CHP | 90 | | 1876 | 2220.2801 | M2 Erect Enclosure CHP | 92 | |
| 1820 | 2220.2661 | M2 Erect Enclosure CHP | 90 | | 1877 | 2220.2803 | M2 Erect Enclosure CHP | 92 | |
| 1821 | 2220.2663 | M2 Erect Enclosure CHP | 90 | | 1878 | 2220.2805 | M2 Erect Enclosure CHP | 92 | |
| 1822 | 2220.2665 | M2 Erect Enclosure CHP | 90 | | | | | | |
| 1823 | 2220.2671 | M2 Erect Enclosure CHP | 91 | | 1879 | 2220.2811 | M2 Erect Enclosure CHP | 93 | |
| 1824 | 2220.2673 | M2 Erect Enclosure CHP | 91 |  | 1880 | 2220.2813 | M2 Erect Enclosure CHP | 93 | |
| 1825 | 2220.2675 | M2 Erect Enclosure CHP | 91 | | 1881 | 2220.2815 | M2 Erect Enclosure CHP | 93 | |
| 1826 | 2220.2677 | M2 Erect Enclosure CHP | 91 | | 1882 | 2220.2817 | M2 Erect Enclosure CHP | 93 | |
| 1827 | 2220.2679 | M2 Erect Enclosure CHP | 91 | | 1883 | 2220.2819 | M2 Erect Enclosure CHP | 93 | |
| 1828 | 2220.2681 | M2 Erect Enclosure CHP | 91 | | 1884 | 2220.2821 | M2 Erect Enclosure CHP | 93 | |
| 1829 | 2220.2683 | M2 Erect Enclosure CHP | 91 | | 1885 | 2220.2823 | M2 Erect Enclosure CHP | 93 | |
| 1830 | 2220.2685 | M2 Erect Enclosure CHP | 91 | | 1886 | 2220.2825 | M2 Erect Enclosure CHP | 93 |  |
| 1831 | 2220.2691 | M2 Erect Enclosure CHP | 91 | | 1887 | 2220.2831 | M2 Erect Enclosure CHP | 93 | |
| 1832 | 2220.2693 | M2 Erect Enclosure CHP | 91 |  | 1888 | 2220.2833 | M2 Erect Enclosure CHP | 93 | |
| 1833 | 2220.2695 | M2 Erect Enclosure CHP | 91 | | 1889 | 2220.2835 | M2 Erect Enclosure CHP | 93 | |
| 1834 | 2220.2697 | M2 Erect Enclosure CHP | 91 | | 1890 | 2220.2837 | M2 Erect Enclosure CHP | 93 | |
| 1835 | 2220.2699 | M2 Erect Enclosure CHP | 91 | | 1891 | 2220.2839 | M2 Erect Enclosure CHP | 93 | |
| 1836 | 2220.2701 | M2 Erect Enclosure CHP | 91 | | 1892 | 2220.2841 | M2 Erect Enclosure CHP | 93 | |
| 1837 | 2220.2703 | M2 Erect Enclosure CHP | 91 | | 1893 | 2220.2843 | M2 Erect Enclosure CHP | 93 | |
| 1838 | 2220.2705 | M2 Erect Enclosure CHP | 91 | | 1894 | 2220.2845 | M2 Erect Enclosure CHP | 93 | |
| 1839 | 2220.2711 | M2 Erect Enclosure CHP | 91 | | 1895 | 2220.2851 | M2 Erect Enclosure CHP | 93 | |
| 1840 | 2220.2713 | M2 Erect Enclosure CHP | 91 |  | 1896 | 2220.2853 | M2 Erect Enclosure CHP | 93 | |
| 1841 | 2220.2715 | M2 Erect Enclosure CHP | 91 | | 1897 | 2220.2855 | M2 Erect Enclosure CHP | 93 | |
| 1842 | 2220.2717 | M2 Erect Enclosure CHP | 91 | | 1898 | 2220.2857 | M2 Erect Enclosure CHP | 93 | |
| 1843 | 2220.2718 | M2 Erect Enclosure CHP | 91 | | 1899 | 2220.2859 | M2 Erect Enclosure CHP | 93 | |
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| 1845 | 2220.2723 | M2 Erect Enclosure CHP | 91 | | 1901 | 2220.2863 | M2 Erect Enclosure CHP | 93 | |
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| 1847 | 2220.2731 | M2 Erect Enclosure CHP | 92 | | 1903 | 2220.2871 | M2 Erect Enclosure CHP | 93 | |
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| 1854 | 2220.2745 | M2 Erect Enclosure CHP | 92 | | 1910 | 2220.2885 | M2 Erect Enclosure CHP | 93 | |
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| 1856 | 2220.2753 | M2 Erect Enclosure CHP | 92 |  | 1912 | 2220.2893 | M2 Top Covers (IP40) | 95 | |
| 1857 | 2220.2755 | M2 Erect Enclosure CHP | 92 | | 1913 | 2220.2895 | M2 Top Covers (IP40) | 95 | |
| 1858 | 2220.2757 | M2 Erect Enclosure CHP | 92 | | 1914 | 2220.2897 | M2 Top Covers (IP40) | 95 | |
| 1859 | 2220.2759 | M2 Erect Enclosure CHP | 92 | | 1915 | 2220.2899 | M2 Top Covers (IP40) | 95 |  |
| 1860 | 2220.2761 | M2 Erect Enclosure CHP | 92 | | 1916 | 2220.2901 | M2 Top Covers (IP40) | 95 | |
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| 1862 | 2220.2765 | M2 Erect Enclosure CHP | 92 | | 1918 | 2220.2905 | M2 Top Covers (IP40) | 95 | |
| 1863 | 2220.2771 | M2 Erect Enclosure CHP | 92 | | 1919 | 2220.2907 | M2 Top Covers (IP40) | 95 | |
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| 1872 | 2220.2793 | M2 Erect Enclosure CHP | 92 | | 1928 | 2220.2935 | M2 Top Covers (IP40) | 96 |  |
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| 1942 | 2220.2983 | M2 Top Covers (IP40) | 97 | | 1997 | 2220.3229 | M2 Side Covers (IP40) | 101 | |
| 1943 | 2220.2985 | M2 Top Covers (IP40) | 97 | | 1998 | 2220.3231 | M2 Side Covers (IP40) | 101 | |
| 1944 | 2220.2987 | M2 Top Covers (IP40) | 97 | | 1999 | 2220.3233 | M2 Side Covers (IP40) | 101 | |
| 1945 | 2220.2989 | M2 Top Covers (IP40) | 97 | | 2000 | 2220.3235 | M2 Side Covers (IP40) | 101 | |
| 1946 | 2220.2991 | M2 Top Covers (IP40) | 97 | | 2001 | 2220.3241 | M2 Back Covers IP55 | 103 | |
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| 1948 | 2220.2995 | M2 Top Covers (IP40) | 97 | | 2003 | 2220.3245 | M2 Back Covers IP55 | 103 | |
| 1949 | 2220.2997 | M2 Top Covers (IP40) | 97 | | 2004 | 2220.3247 | M2 Back Covers IP55 | 103 | |
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| 1958 | 2220.3015 | M2 Top Covers (IP40) | 97 | | 2013 | 2220.3269 | M2 Back Covers IP55 | 103 | |
| 1959 | 2220.3017 | M2 Top Covers (IP40) | 97 | | 2014 | 2220.3271 | M2 Back Covers IP55 | 103 | |
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| 1961 | 2220.3141 | M2 Side Covers (IP40) | 100 | | 2016 | 2220.3275 | M2 Back Covers IP55 | 103 | |
| 1962 | 2220.3143 | M2 Side Covers (IP40) | 100 | | 2017 | 2220.3281 | M2 Back Covers IP55 | 104 | |
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| 1964 | 2220.3147 | M2 Side Covers (IP40) | 100 | | 2019 | 2220.3285 | M2 Back Covers IP55 | 104 | |
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| 2045 | 2220.3349 | M2 Back Covers IP55 | 104 | | 2101 | 2220.3505 | M2 Front Doors | 112 | |
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| 2062 | 2220.3391 | M2 Back Covers IP55 | 105 | 2118 | 2220.3551 | M2 Front Doors | 112 | | |
| 2063 | 2220.3393 | M2 Back Covers IP55 | 105 | 2119 | 2220.3553 | M2 Front Doors | 112 | | |
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