

## Insulation piercing connector ZOP-57 (25-185/25-95)

### Product information:

Developed to branch the insulated service electrical line from main electrical line, without cutting the sheath of main cable.

**Applications:** Low voltage power cable line distribution



### Key Features:

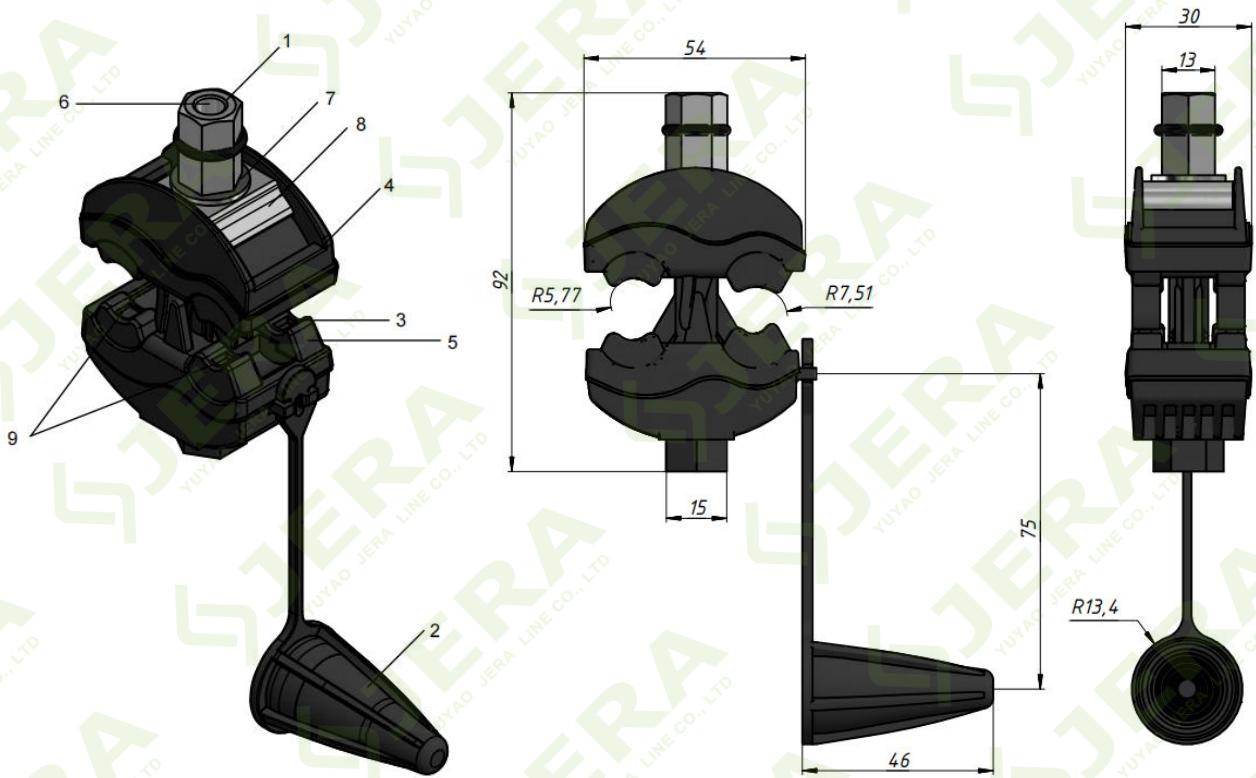
1. UV-resistant and waterproof materials
2. Convenient to install without cutting the jacket
3. Outdoor usage for construction applications like buildings, street lights.
4. Contact teeth: aluminium tin covered for bimetallic conductors.
5. Captive and flexible end cups
6. Manufacture according to the standard: EN50483-4:2009

**Materials:** UV resistant plastic, Aluminum

### Technical specification:

Product code	Main line, mm <sup>2</sup>	Branch line, mm <sup>2</sup>	Torque, N*m
ZOP-57	25-185	25-95	16 ± 2

**Drawing:**



Consist of:

1. Aluminium shear head torque nut, 16+ $\pm$ 2 Nm, alum 6063
2. End cap, UV resistant polymer
3. Aluminium teeth tin covered, alum 6063 (for copper and aluminium conductors)
4. Upper and lower body, UV resistant nylon PA, GF
5. Rubber, UV resistant polymer
6. Bolt M6, stainless steel
7. Washer M6, stainless steel
8. Aluminium washer, alum 6063
9. Silic

















## INSULATION PIERCING CONNECTORS

### Product information:

Insulation piercing connectors was developed to branch the insulated service cable from main electrical cable, without cutting or peeling insulated cable jacket which improve the efficiency of power cable line deployment.

### Key features:

1. Quick installation speed
2. Outdoor IP68 protection, durable
3. No more of stripping the cable's insulation required
4. Universal cable application of PV cable 1.5-400mm<sup>2</sup>, with double jacket's insulation
5. Conform to the standard: EN50483-4:2009, NFC 33-020, UL 94

Product code	Main line/Branch line,, mm <sup>2</sup>	Torque, N*m	Voltage, KV	Conductor materials
<b>ZOP-45P</b> 	4-70/1,5-16	6(±1)	AC: 0.4-1.0	 CU or AL Insulated
<b>ZOP-45</b> 	4-120/1,5-16	11(±1)	AC: 0.4-1.0	 CU or AL Insulated
<b>ZOP-52</b> 	16-185/1,5-16	11(±2)	AC: 0.4-1.0	 CU or AL Insulated
<b>ZOP-54</b> 	16-150/4-50	11(±2)	AC: 0.4-1.0 DC: 2.0	 CU or AL Insulated
<b>ZOP-56</b> 	25-185/6-35	13(±2)	AC: 0.4-1.0	 CU or AL Insulated
<b>ZOP-57</b> 	25-150/25-95	16(±2)	AC: 0.4-1.0 DC: 2.0	 CU or AL Insulated
<b>ZOP-257</b> 	25-150/25-95	16(±2)	0.4-10.0	 CU or AL Insulated
<b>ZOP-395</b> 	95-300/95-300	21(±2)	AC: 0.4-15	 CU or AL Insulated