

ELECTRONICS PRODUCTS > ENERGY MANAGEMENT PRODUCTS > ELECTRONIC MULTIMETERS

ECRAS VCF

Stock Keeping Unit (SKU): 606218

Multimeter

Commercial Information

Product Sales Code	**606218**
Package Unit	**1 pcs.**
Customs Tariff Number	**903032009011**
Weight Per Unit Including Packaging	**0.272 kg.**

Technical Information

GENERAL	
Password Protection	**+**
Voltage Transformer Ratio (VTR)	**1 - 5000**
Current Transformer Ratio (CTR)	**1 - 5000**
Measurements per Period	**256**
LCD Refresh Rate	**1 sn.**
Networks	**TT, TN, IT**
Connection Type	**3F4T, 3F3T**
Four-Quadrant Measurement	**4**
Min./Max. Demand Values	**+**
Protection Class	**Front IP40 / Rear IP20**
Weight (g)	**272**
Pack Quantity	**1**
Mounting Type	**Panel Mount**

Seven-Segment Display	+

CURRENT MEASUREMENT INPUT

Measurement Range	**10mA - 6A AC**
Overvoltage Category	**300 V Cat II**
Voltage Fluctuation Measurement	**2 kV**
Power Consumption	**<0.2 VA**
Intermittent Overload	**100 A for 1 sec**
Sampling Frequency Between 45-65 Hz	**12.8 kHz**

VOLTAGE MEASUREMENT INPUT

Overvoltage Category	**300 V Cat III**
L-N Measurement Range	**1-300 Vrms**
L-L Measurement Range	**2-500 Vrms**
Frequency Measurement Range	**45-65 Hz**
Power Consumption	**<0.1 VA**
Sampling Frequency Between 45-65 Hz	**12.8 kHz**

POWER SUPPLY

Voltage	**85-300V AC / 85-300V DC**
Frequency	**45-65Hz**
Consumption	**<6VA AC / <3W DC**

ENVIRONMENTAL CONDITIONS

Operating Temperature	**-20°C +70°C**
Storage Temperature	**-30°C +80°C**
Relative Humidity (Non-condensing)	**Maks. 95%**

EMC/EMI

300 V AC CAT II According to IEC 61010-1	+
EN 55011+A1	**2010, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN61000-4-11**

TIME-STAMPED DATA STORAGE

Demand	--
Alarm Records	--

CABLE CROSS SECTIONS (POWER SUPPLY, VOLTAGE, CURRENT, RELAY OUTPUTS)

With Ferrule	**2.5mm² - 14AWG**
Without Ferrule	**4mm² - 12AWG, 2x1.5mm² - 2x16AWG**

CABLE CROSS SECTIONS (DIGITAL I/O, RS485, ANALOG OUTPUTS)

With Ferrule	**1.5mm² - 16AWG**
Without Ferrule	**1.5mm² - 16AWG, 2x0.75mm² - 2x18AWG**