

EM115-Mod-DO

single phase energy meter-5A-Modbus



Bidirectional energy metering, 230V AC 50Hz/120V AC 60Hz

Transformer connected meter, CT ratio can be set by communication

Display of Voltage, Ampere, kW, PF, Hz, +kWh, -kWh, ΣkWh

Total energy usage can be calculated via 5 different modes.

Display Modbus RTU Interface data : baud rate, Modbus id Parity

Reactive power and reactive energy available through interface

1DO output, use as Modbus controlled output

LCD display, 5 integer 1 decimal

Clear green backlight display

Accuracy class B according to EN50470-3

Accuracy class 1 according to IEC62053-21

Memory back-up (EEPROM)



Characteristics

Type of measurement	Voltage, Ampe, kW, PF, Hz, +kWh, -kWh, ΣkWh
Rated current	5A
Rated voltage	230V
Frequency (Hz)	50 or 60Hz
Maximum current	6A
Maximum value measured	99999.9kWh
Power consumption of current circuits(VA)	< 0.01
Power consumption of voltage circuits(W)	< 1.3W
Current terminals flexible 1×mm ²	0-6mm ²
RS485 cable	AWG18
another terminal flexible 1×mm ²	0-2.5mm ²

Output specifications

Number of digital outputs	1
Type	Relay output, AC1-5A @250V AC

Dimension

Width (mm)	18
Height (mm)	104.5
Depth (mm)	88

Environmental

Operating temperature	-25°C - +55°C
Storage temperature	-40°C - +70°C