

EM735-Mod CT

three phase energy meter-1.5A-Modbus



- CE approved
- Three phase metering 7 din modules
- Transformer connected meter
- 27 CT ratio can be selected
- LCD display, 6 integer 1 decimal
- Clear green backlight display
- 50 pulse output
- Smart communication port
- Modbus RTU with 16 bit CRC
- Accuracy class B according to EN50470-3
- Accuracy class 1 according to IEC62053-21
- Memory back-up (EEPROM)



Characteristics

Type of measurement	kWh
Rated current	1.5A
Rated voltage	3*230/400V
Frequency (Hz)	50 or 60Hz
Maximum current	6A
Maximum value measured	5: $5 \leq \text{CT ratio} < 200$ 0000000.0 ≤ kWh ≤ 9999999.9kWh
Power consumption	<2W 10VA
RS485 cable	AWG18
terminal flexible 1×mm ²	0-2.5mm ²

Modbus serial comms

Bus type	RS485 2wire
Protocol	Modbus RTU with 16 bit CRC
Baud Rate(bps)	1200(default),2400,4800,9600
Bus loading(pcs)	< 64

General data

Pulse width(ms)	80
Pulse constant(imp/kWh)	1600
LED constant(imp/kWh)	1600

Dimension

Width (mm)	126
Height (mm)	104.5
Depth (mm)	60

Environmental

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