

EM735-Mod three phase energy meter-100A-Modbus



- CE approved
- Three phase metering 7 din modules
- Direct metering up to 100A
- LCD display, 6 integer 1 decimal
- Clear green backlight display
- S0 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	10A
Rated voltage	3*230/400V
Frequency (Hz)	50 or 60Hz
Maximum current	100A
Maximum value measured	999999.9kWh
Power consumption	<2W 10VA
Current terminals flexible 1×mm ²	0-16mm ²
RS485 cable	AWG18
another 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)	400
LED constant(imp/kWh)	400
Dimension	
Width (mm)	126
Height (mm)	104.5
Depth (mm)	60
Environmental	
Operating temperature	-25°C - +55°C
Storage temperature	-40°C - +70°C