

## EM535-Mod CT O series three phase energy meter-1.5A-Mobus



- CE approved
- Three phase metering 5 din modules
- Rogowski & open-core sensor, 330mV ac input up to 7500A
- 27 CT ratio can be selected
- LCD display, 6 integer 1 decimal
- Large clear backlight
- Isolate pulse output
- RS485 communication port, modbus protocol
- Accuracy class B according to EN50470-3
- Accuracy class 1 according to IEC62053-21
- Memory back-up (EEPROM)



### Characteristics

Type of measurement		kWh
Rated voltage		3*230/400V
Primary Current(A)		Open core : AC 0-3000A Rogowski: AC 0-7500A
Second input(mV)		330
Maximum value measured	5: $5 \leq \text{CT ratio} < 200$ CT ratio $\geq 200$	$0000000.0 \leq \text{kWh} \leq 9999999.9\text{kWh}$ $00000000 \leq \text{kWh} \leq 99999999\text{kWh}$
Power consumption		<2W 10VA
RS485 cable		AWG18
terminal flexible $1 \times \text{mm}^2$		$0-2.5\text{mm}^2$
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)		90
Height (mm)		104.5
Depth (mm)		60
Environmental		
Operating temperature		-25°C - +55°C
Storage temperature		-40°C - +70°C

