

EM735-Mb CT

three phase energy meter-1.5A-M-bus



- CE approved
- Three phase metering 7 din modules
- Transformer connected meter
- LCD display, 6 integer 1 decimal
- Clear green backlight display
- S0 pulse output
- Smart communication port
- M-bus output
- 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 ≤ CT ratio < 200 CT ratio ≥ 200	0000000.0 ≤ kWh ≤ 9999999.9 kWh 00000000 ≤ kWh ≤ 99999999 kWh
Power consumption		<2W 10VA
M- bus cable		JYSTY (n×2×0.8)
Terminal flexible 1×mm ²		0-2.5mm ²
M-bus output		
Data format		8 data bit, Even, 1 stop bit
Protocol		EN13757-3, EN1434
Baud Rate (bps)		300, 2400 (default), 9600
Bus loading (pcs)		≤380m 250 ≤3600m 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