

EM735-Mb

three phase energy meter-100A-M-bus



- 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
- 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	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
M- bus cable	JYSTY (n×2×0.8)
another 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)	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