



DM215-Mod

single phase energy meter-65A-Modbus

Bidirectional energy metering, 230V AC 50Hz/120V AC 60Hz
 Display of +kWh, Demand, Voltage, Ampere, kW, Serial number
 Display Modbus RTU Interface data : baud rate, Modbus id
 Reactive power and power factor available through interface
 LCD display, 5 integer 1 decimal
 Accuracy class B according to EN50470-3
 Accuracy class 1 according to IEC62053-21
 Memory back-up (EEPROM)



Characteristics

Type of measurement	Voltage, Ampe, kW, PF, Hz, MD, +kWh, -kWh, ΣkWh
Rated current	5A
Rated voltage	230V
Frequency (Hz)	50 or 60Hz
Maximum current	60A
Maximum value measured	99999.9kWh
Power consumption of current circuits(VA)	< 0.01
Power consumption of voltage circuits(W)	< 1.3W
Current terminals flexible 1×mm ²	0-10mm ²
RS485 cable	AWG18
another terminal flexible 1×mm ²	0-2.5mm ²

Modbus serial comms

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

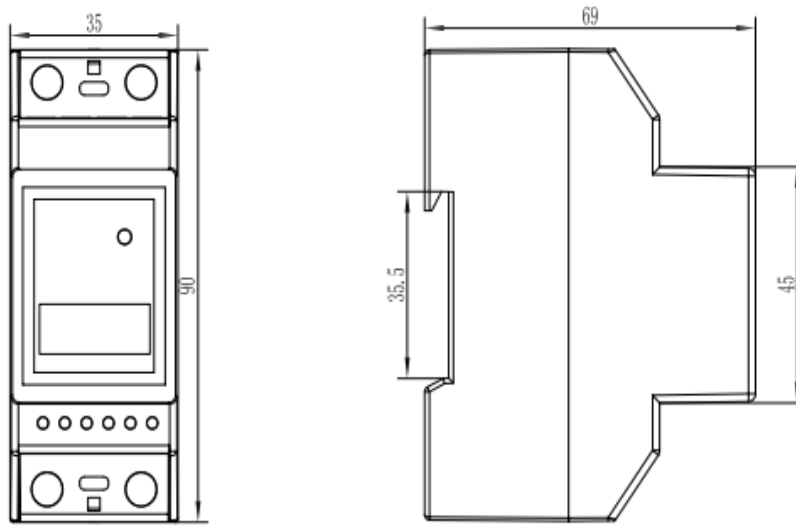
Dimension

Width (mm)	35
Height (mm)	90
Depth (mm)	69

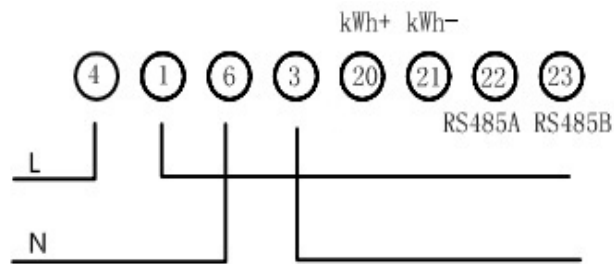
Environmental

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

Dimension:



Wiring diagram:



- 4/1 Phase in&Out
- 6/3 Neutral
- 20/21 S0 3200imp/kWh
- 23/24 RS485A/RS485B