



EM115

single phase energy meter-45A-S0

MID approved B+D

Bidirectional energy metering, 230V AC 50Hz

Direct metering up to 45A

LCD display, 5 integer 1 decimal

Clear green backlight display

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	5A
Rated voltage	230V
Frequency (Hz)	50 or 60Hz
Maximum current	45A
Maximum value measured	9999.99kWh
Power consumption of current circuits(VA)	< 0.01
Power consumption of voltage circuits(W)	< 1.3W
Current terminals flexible 1×mm ²	0-6mm ²

General data

Pulse1 width(ms)	80
Pulse1 constant(imp/kWh)	1000
Pulse2 constant(imp/kWh)	0.001/0.01/0.1/1
LED constant(imp/kWh)	1000

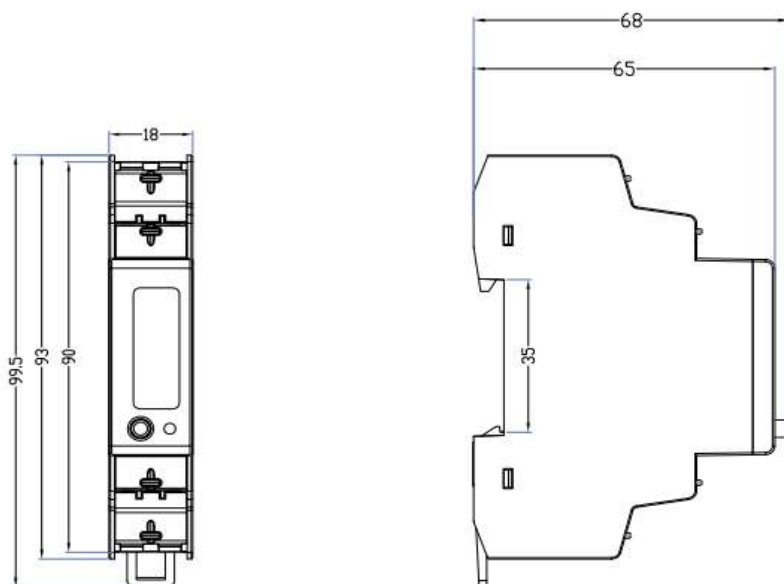
Dimension

Width (mm)	18
Height (mm)	104.5
Depth (mm)	88

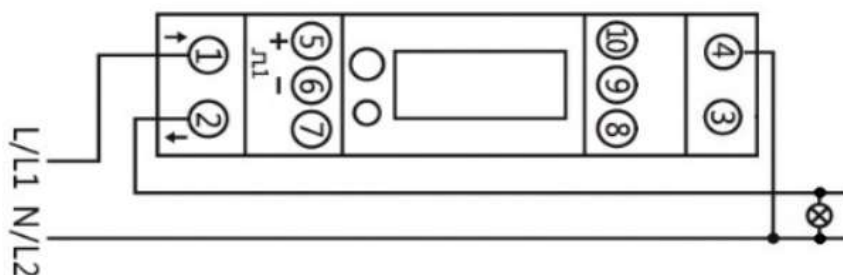
Environmental

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

Dimension:



Wiring diagram:



- 1/2 Phase in&Out
- 4 Neutral
- 5/6 S01 1000 imp/kWh