

PM9C

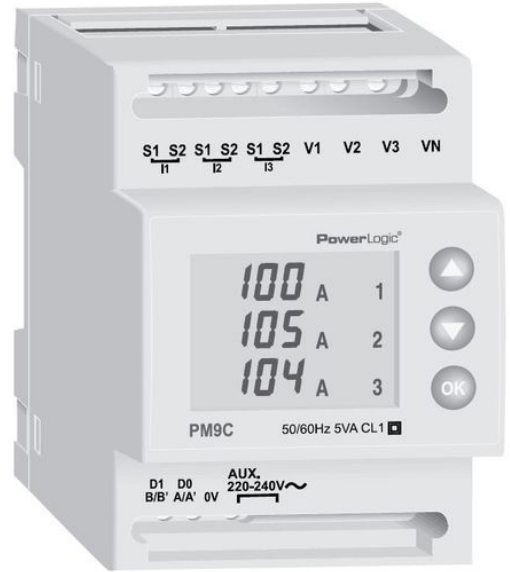
ENERGY METER - TRI PHASE - RS485

- Power meter PM9 PowerLogic
- 230 V AC - Tri Phase
- RS485 communication interface
- Compatible with Compas - Fully integrated

The PM9C is an electrical quantity measuring unit for LV 1P+N, 3P, 3P+N networks.

Metering functions:

- Instantaneous values: U, V, I, IN, F, PF, total P (W, var, VA) and P per phase (W, var)
- DEMAND and maximum Demand P values (W or var or VA)
- kWh(total & partial), kvarh (total) kilowatt-hour meters, time counters.
- 1 Modbus RS 485 communication port.
- Auxiliary power supply: 220....240 V



Electrical

Supply Voltage : 220 to 240 V AC 50/60 Hz
Network Frequency : 45 to 65 Hz
Power Consumption : 5VA

Features

Measurement Accuracy
Power: 1%
Power Factor: 2%
Frequency: 0.2Hz
Voltage: 0.5%
Current : 0.5%
Display Type : Backlit LCD
Communication port support : 485

Mechanical

Mounting mode : Clip-on
Width: 72mm
Depth: 66mm
Height: 90mm
Weight: 0.3kg

Environmental

Electromagnetic compatibility:

1.2/50 μ s shock waves immunity IV), conforming to IEC 61000-4-5

Electrical fast transient/burst immunity IV), conforming to IEC 61000-4-4

Susceptibility to electromagnetic fields III), conforming to IEC 61000-4-3

Electrostatic discharge immunity type III), conforming to IEC 61000-4-2

Conducted and radiated emissions B), conforming to CISPR 11

Type of installation : Indoor

Overvoltage category : III

IP degree of protection : IP52 front face

Pollution degree : 2

Ambient air temperature for operation: -5 to 55°C

Standards

Accuracy Class: Class 2, reactive energy IEC 62053-23
Class 1, active energy IEC 62053-21

Environment: IEC 61557-12

Certification: CE

RoHS: Compliant

Standard Part Numbers

PM9C: Energy Meter - Tri Phase - RS485

Related Items

Solution:

UCC: Universal Compass Controller