Product datasheet

Specifications



AMP Meter, up to 15th H, 1DO POWERLOGIC-AMP

Main

Range	PowerLogic
product name	PowerLogic PM
Device short name	PM
Product or component type	Power meter

Complementary

Type of measurement	Current
supply voltage	90...450 V AC 45...65 Hz 100...300 V DC
Network frequency	60 Hz 50 Hz
[In] rated current	5 A 1 A
type of network	1P + N
Maximum power consumption in VA	11 VA at 415 V
Display type	Monochrome graphic
Display resolution	128 x 128 pixels
Sampling rate	64 samples/cycle
Measurement current	50…8500 mA
Measurement voltage	35…760 V AC 45...65 Hz between phases 20…400 V AC 45...65 Hz between phase and neutral
Frequency measurement range	45…65 Hz
Number of inputs	0

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Accuracy class	Class 0.5S active energy conforming to IEC 62053-22
Number of outputs	1 pulse (energy)
Communication port protocol	-
Communication port support	-
Connections - terminals	Voltage circuit: screw terminal block2 Control circuit: screw terminal block2 Current transformer: screw terminal block2 Input/output circuit: screw terminal block2
Mounting mode	Flush-mounted
Mounting support	Framework
Standards	EN 50470-1 IEC 62053-22:2020 UL 61010-1 IEC 62053-24 IEC 61557-12:2015 EN 50470-3 IEC 60529 IEC 62053-23:2020 IEC 62052-11:2020 IEC 62052-31:2015
Product certifications	CE conforming to IEC 61010-1 CULus conforming to UL 61010-1
Width	96 mm
Depth	72 mm
Height	96 mm
Product weight	280 g

Environment

IP degree of protection	IP54 display: conforming to IEC 60529 IP30 rear: conforming to IEC 60529
Relative humidity	5…95 % at 50 °C non-condensing
Pollution degree	2
Ambient air temperature for operation	-25…70 °C meter -20…70 °C display -25…-20 °C (with reduced performance) display

Logistical informations

Country of origin	IN

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained

How we assess product sustainability

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	09f9c02c-a5ad-476f-b13d-697d47d8137c
REACh Regulation	REACh Declaration

Use Again

Repack and remanufacture

Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins