

Product datasheet

Specifications



EasyLogic - Digital Panel Meter DM1000 - Voltmeter - single phase

METSEDM1210

Main

Range	EasyLogic
Product name	EasyLogic DM1000
Device short name	DM1210
Product or component type	Voltmeter
Device application	Test laboratories Load control GenSet

Complementary

Poles description	1P + N
Type of measurement	Voltage
[Us] rated supply voltage	100...230 V AC +/- 20 % 100...230 V DC +/- 20 %
Supply frequency	50/60 Hz +/- 5 Hz
Network frequency	60 Hz 50 Hz
Maximum power consumption in VA	3 VA at 230 V AC
Display type	LED
Display digits	4
Full scale display	999.9
Control type	Selector switch built-in
Analogue input type	Voltage single phase
Measurement voltage	25...277 V AC phase to neutral, 50/60 Hz +/- 5 Hz 44...480 V AC phase to phase, 50/60 Hz +/- 5 Hz
Accuracy	Voltage +/- 0.5 % of full scale for class 0.5
Device mounting	Flush
Mounting support	Panel
Type of installation	Indoor
Measurement category	Category III
Standards	IEC 61326
Product certifications	CE conforming to IEC 61010-1

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

Environment

Electromagnetic compatibility	Conducted and radiated emissions class A conforming to CISPR 11 Electrostatic discharge conforming to IEC 61000-4-2 Electrical fast transient/burst immunity test conforming to IEC 61000-4-4 Surge immunity test conforming to IEC 61000-4-5 Conducted RF disturbances conforming to IEC 61000-4-6 Magnetic field at power frequency conforming to IEC 61000-4-8 Voltage dips and interruptions immunity test conforming to IEC 61000-4-11 Harmonics conforming to IEC 61000-3-2 Limitation of voltage changes, voltage fluctuations and flicker in low-voltage conforming to IEC 61000-3-3
IP degree of protection	Front panel: IP50 Body: IP30
Relative humidity	5...95 %
Pollution degree	2
Ambient air temperature for operation	-10...60 °C
Ambient air temperature for storage	-25...70 °C
Colour	Black
Width	96 mm
Height	96 mm
Depth	38 mm
Cut-out dimensions	92 x 92 mm
Net weight	160 g

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.6 cm
Package 1 Width	11.2 cm
Package 1 Length	12.4 cm
Package 1 Weight	250 g
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4713 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Recommended replacement(s)