

Product datasheet

Specifications



EasyLogic - Digital Panel Meter DM1000 - Frequncymeter - single phase

METSEDM1310

Main

Range	EasyLogic
Product name	EasyLogic DM1000
Device short name	DM1310
Product or component type	Frequency meter
Device application	Test laboratories Load control GenSet

Complementary

Poles description	1P + N
Type of measurement	Frequency
[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	99.99
Frequency measurement range	20...100 Hz 25...277 V AC phase to neutral 20...100 Hz 44...480 V AC phase to phase
Accuracy	Frequency +/- 0.2 % of full scale
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

Environment

Electromagnetic compatibility	Conducted and radiated emissions class A conforming to CISPR 11
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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
Package 1 Length	4.35 cm
Number of Units in Package 1	1
Package 3 Width	30.0 cm
Package 3 Weight	4.1 kg
Package 2 Width	60.0 cm
Package 2 Height	105.0 cm
Package 2 Weight	32.8 kg
Number of Units in Package 3	16
Unit Type of Package 3	S03
Package 3 Height	30.0 cm
Package 3 Length	40.0 cm
Package 1 Width	9.6 cm
Package 1 Height	9.6 cm
Package 1 Weight	256.0 g
Number of Units in Package 2	128
Unit Type of Package 2	P06
Package 2 Length	80.0 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes

RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
