

# Product datasheet

Specifications



## EasyLogic - Digital Panel Meter DM1000 - Frequencymeter - 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

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

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	9.6 cm
Package 1 Width	9.6 cm
Package 1 Length	4.35 cm
Package 1 Weight	256 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	4.1 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	128
Package 3 Height	105 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	32.8 kg

Sustainability



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[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

Well-being performance

 Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>