Product datasheet

Specifications

Green Premium™

DM6000 digital meter with basic readings - no communication

METSEDM6000

Discontinued on: 1 Nov 2020

Discontinued

Main

Range Of Product	PowerLogic
Device Short Name	DM6000
Product Or Component Type	Multimeter

Complementary

Device Application	Preventive maintenance Equipment monitoring Power monitoring
Type Of Measurement	Current Voltage Frequency Power factor Phase unbalance Phase angle RPM
[Us] Rated Supply Voltage	44...277 V AC 50/60 Hz 44...277 V DC
Network Frequency	45...65 Hz
Maximum Power Consumption In Va	3 VA at 240 V AC
Display Type	LED indicator
Sampling Rate	20 samples/cycle
Measurement Current	1 A 5 A
Analogue Input Type	Current 0.05...6 A (impedance <= 0.1 Ohm)
Measurement Voltage	80…480 V AC phase to phase
Measurement Accuracy	Frequency 0.1 % Power factor 1 % Voltage 1 % 46...277 V Current 1 % 0.05...6 A

Environment

Electromagnetic Compatibility	Electrostatic discharge immunity test: , conforming to IEC 61000-4-2 Susceptibility to electromagnetic fields: , conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test: , conforming to IEC 61000-4-4 1.2/50 µs shock waves immunity test: , conforming to IEC 61000-4-5 Conducted RF disturbances: , conforming to IEC 61000-4-6 Immunity to impulse waves: , conforming to IEC 61000-4-12 Conducted and radiated emissions: , A, conforming to CISPR 11 Immunity to microbreaks and voltage drops: , conforming to IEC 61000-4-11
Mounting Mode	Flush-mounted

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

Type Of Installation	Indoor installation
Overvoltage Category	III
Ip Degree Of Protection	IP40 back: IP51 front face:
Pollution Degree	2
Ambient Air Temperature For Operation	-10…60 °C
Ambient Air Temperature For Storage	-25…70 °C
Relative Humidity	95 %
Operating Altitude	0...2000 m
Standards	IEC 61010 UL 508
Product Certifications	CE
Width	96 mm
Depth	80 mm
Height	96 mm
Net Weight	0.4 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11 cm
Package 1 Width	12.5 cm
Package 1 Length	12.8 cm
Package 1 Weight	543 g

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

RoHS/REACh

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins