



## 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

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	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
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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
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>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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