

Product data sheet

Specifications



DM6200 digital meter with basic readings - with communication

METSEDM6200

Main

Range of product	PowerLogic
Device short name	DM6200
Product or component type	Multimeter

Complementary

Device application	Equipment monitoring Power monitoring Preventive maintenance
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	5 A 1 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
Communication port protocol	Modbus
Communication port support	Terminal block: RS485
Transmission rate	19.2 kbauds

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 μ s shock waves immunity test: , conforming to IEC 61000-4-5 Conducted RF disturbances: , conforming to IEC 61000-4-6
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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	UL 508 IEC 61010
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 Weight	537 g
Package 1 Height	11 cm
Package 1 width	12.5 cm
Package 1 Length	12.8 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	538 g
Package 2 Height	11 cm
Package 2 width	12.5 cm
Package 2 Length	13 cm
Unit Type of Package 3	S03
Number of Units in Package 3	12
Package 3 Weight	7.169 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
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

Contractual warranty

Warranty	18 months
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