METSEDM6200
DM6200 digital meter with basic readings - with communication

Green Premium Product

Main

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

Complementary

Device application	Equipment monitoring Preventive maintenance Power monitoring
Type of measurement	Phase angle Phase unbalance RPM Voltage Current Frequency Power factor
[Us] rated supply voltage	44...277 V AC 50/60 Hz 44...277 V DC
Network frequency	45...65 Hz
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	0.1 % frequency 1 % power factor 1 % voltage (46...277 V) 1 % current (0.05...6 A)
Communication port protocol	Modbus
Communication port support	RS485 terminal block

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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 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 class 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
Product weight	0.4 kg

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1320 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual

Contractual warranty

Warranty period	18 months