



### Main

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

### Complementary

Device application	Power monitoring Equipment monitoring Preventive maintenance
Type of measurement	RPM Phase angle Phase unbalance Power factor Frequency Voltage Current
[Us] rated supply voltage	44...277 V DC 44...277 V AC 50/60 Hz
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	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	1 % current (0.05...6 A) 1 % voltage (46...277 V) 1 % power factor 0.1 % frequency
Communication port protocol	Modbus
Communication port support	RS485 terminal block
Transmission rate	19.2 kbauds

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## Environment

Electromagnetic compatibility	Immunity to microbreaks and voltage drops, conforming to IEC 61000-4-11 Conducted and radiated emissions class A, conforming to CISPR 11 Immunity to impulse waves, conforming to IEC 61000-4-12 Conducted RF disturbances, conforming to IEC 61000-4-6 1.2/50 $\mu$ s shock waves immunity test, conforming to IEC 61000-4-5 Electrical fast transient/burst immunity test, conforming to IEC 61000-4-4 Susceptibility to electromagnetic fields, conforming to IEC 61000-4-3 Electrostatic discharge immunity test, conforming to IEC 61000-4-2
Mounting mode	Flush-mounted
Type of installation	Indoor installation
Overvoltage category	III
IP degree of protection	IP51 front face IP40 back
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