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ION6200 meter (enhcd pckg#1) - w/display 240VAC/300VDC - std com - w pwd

Main

Range	PowerLogic
Product name	PowerLogic ION6200
Device short name	ION6200
Product or Component Type	Energy and power quality meter

Complementary

Power quality analysis	Harmonic distortion
Device Application	Metering
Type of measurement	Power factor total Apparent power total Current Voltage Frequency Harmonic distorsion (I THD & U THD) Active and reactive power total Active and reactive energy Apparent energy Maximum current (I1, I2, I3, In)
Supply voltage	100...240 V AC 50/60 Hz 110...300 V DC
Network Frequency	50 Hz 60 Hz
Line Rated Current	10 A
Poles description	3P 3P + N 2P + N
Power consumption in VA	0.05 VA
Display Type	7 segments LED + decimal point
Sampling rate	64 samples/cycle
Measurement current	0.005…12 A
Measurement voltage	60…400 V AC 50-60 Hz between phase and neutral 103.5…690 V AC 50-60 Hz between phases
Frequency measurement range	50…60 Hz
Number of inputs	0
Measurement accuracy	Current 0.3 % Voltage 0.3 % Power +/- 0.5 % Frequency +/- 0.1 % Power factor +/- 1 % Energy +/- 0.5 %
Accuracy class	Class 0.5 power IEC 60687 Class 0.5 energy IEC 60687 Class 0.5 power ANSI C12.20 Class 0.5 energy ANSI C12.20
Number of Outputs	0
Communication port protocol	Modbus RTU, master 19200 bauds ION
Communication port support	Screw terminal block RS485 isolated

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Transmission Rate	19200 bauds
Tamperproof of settings	Protected by access code

Environment

Electromagnetic compatibility	Electrostatic discharge immunity test IEC 61000-4-2 Immunity to radiated fields IEC 61000-4-3 Immunity to fast transients IEC 61000-4-4 Surge immunity test IEC 61000-4-5 Conducted radio-frequency immunity test IEC 61000-4-6 Emission standard for industrial environments IEC 61000-4-2
Mounting Mode	Panel-mounted
Mounting support	Enclosure door
Type of Installation	Indoor
IP degree of protection	Front IP65 Back IP30
Relative humidity	5…95 %
Pollution degree	2
Ambient air temperature for operation	-4…158 °F (-20…70 °C)
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Product certifications	CUL CSA C22.2
Standards	CSA 1010-1 EN 61010-1 UL 3111-1
Width	4.33 in (110 mm)
Depth	2.56 in (65 mm)
Height	4.33 in (110 mm)
Net Weight	1.50 lb(US) (0.68 kg)

Ordering and shipping details

Category	09751 - POWERLOGIC ION 6200 HARDWARE
Discount Schedule	PM1
GTIN	NULL
Nbr. of units in pkg.	1
Package weight(Lbs)	1.76 lb(US) (0.8 kg)
Returnability	Yes
Country of origin	CA

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	6.30 in (16 cm)
Package 1 width	5.91 in (15 cm)
Package 1 Length	12.20 in (31 cm)

Offer Sustainability

California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
EU RoHS Directive	Compliant EU RoHS Declaration
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