

Product data sheet

Characteristics

P6200A0A0B0Z0A0N

ION6200 meter (std measurmt) - w/display
240VAC/300VDC - wo com - w pwd

P6200A0A0B0Z0A0N has not been replaced. Please contact your customer care center for more information.



ⓘ Discontinued

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	Harmonic distortion (I THD & U THD) Voltage Current Frequency
Supply voltage	110...300 V DC 100...240 V AC 50/60 Hz
Network frequency	50 Hz 60 Hz
Line Rated Current	10 A
Poles description	2P + N 3P 3P + 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	0.3 % current 0.3 % voltage +/- 1 % power factor +/- 0.1 % frequency +/- 0.5 % power +/- 0.5 % energy
Accuracy class	Class 0.5 power conforming to IEC 60687 Class 0.5 energy conforming to IEC 60687

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

Class 0.5 power conforming to ANSI C12.20
Class 0.5 energy conforming to ANSI C12.20

Number of outputs	0
Tamperproof of settings	Protected by access code

Environment

Electromagnetic compatibility	<ul style="list-style-type: none">• electrostatic discharge immunity test, conforming to IEC 61000-4-2• immunity to radiated fields, conforming to IEC 61000-4-3• surge immunity test, conforming to IEC 61000-4-5• immunity to fast transients, conforming to IEC 61000-4-4• conducted radio-frequency immunity test, conforming to IEC 61000-4-6• emission standard for industrial environments, conforming to IEC 61000-4-2
Mounting mode	Panel-mounted
Mounting support	Enclosure door
Type of installation	Indoor
IP degree of protection	IP30 back IP65 front
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 conforming to CSA C22.2
Standards	EN 61010-1 CSA 1010-1 UL 3111-1
Width	4.33 in (110 mm)
Depth	2.56 in (65 mm)
Height	4.33 in (110 mm)
Product weight	1.5 lb(US) (0.68 kg)

Ordering and shipping details

Category	09751 - POWERLOGIC ION 6200 HARDWARE
Discount Schedule	PM1
Nbr. of units in pkg.	1
Package weight(Lbs)	2.3999999999999999
Returnability	N

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0801 - 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
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov