

Product data sheet

Specifications



ION6200 meter (all measurmt) - w/
display 240VAC/300VDC - std
com+2pls - w pwd

P6200A0A0B0A0B0R

Discontinued on: Dec 31, 2020

End-of-service on: Dec 31, 2021

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	Apparent power total Apparent power per phase Current Voltage Frequency Harmonic distortion (I THD & U THD) Active and reactive power total Active and reactive energy Apparent energy Power factor Demand current (I1, I2, I3, Ig) Active and reactive power per phase
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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

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	2 pulse
Communication Port Protocol	Modbus RTU, master 19200 bauds ION
Communication Port Support	Screw terminal block RS485 isolated
Transmission Rate	19200 bauds
Tamperproof Of Settings	Protected by access code

Environment

Electromagnetic Compatibility	Electrostatic discharge immunity test conforming to IEC 61000-4-2 Immunity to radiated fields conforming to IEC 61000-4-3 Immunity to fast transients conforming to IEC 61000-4-4 Surge immunity test conforming to IEC 61000-4-5 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	IP65 front: IP30 back:
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
Returnability	No

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Package 1 Height	6.30 in (16 cm)
Package 1 Width	5.91 in (15 cm)
Package 1 Length	12.20 in (31 cm)
Package 1 Weight	1.76 lb(US) (0.8 kg)

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

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.
California Proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov