

Product data sheet

Specifications

SQUARE D



Square D - PowerLogic Energy Meter, Basic 100A, 0.518"X1.28" ID, 3CT's

EMB3010

Discontinued on: Dec 31, 2022

Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	PowerLogic
Product Name	PowerLogic ENERGY METER
Product Or Component Type	Energy meter
Device Application	Energy monitoring

Complementary

Type Of Measurement	Energy consumption Power Peak demand power Reactive power Power factor Voltage Current
Measurement Accuracy	+/- 1 %
Measurement Voltage	120 V AC between phase and neutral 240 V AC between phases
[Us] Rated Supply Voltage	120 V AC - 25...10 %
Network Frequency	50 Hz 60 Hz
Line Rated Current	100 A
Display Type	Backlit LCD
Display Size	1.2 x 3.8 inch
Information Displayed	Energy consumption Power Power maximum) Reactive power Power factor Voltage Current
Sampling Rate	1280 Hz
Provided Equipment	3 x current transformer
Ct Size	0.518 x 1.28 inch
Standards	ANSI C12.1
Product Certifications	UL UL 3111-1 CUL
Width	7.60 in (193 mm)
Depth	Meter 2.99 in (76 mm)

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

Height	8.31 in (211 mm)
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Environment

Isolation Voltage	2500 V
Relative Humidity	0...95 % non-condensing
Ambient Air Temperature For Operation	32...122 °F (0...50 °C)
Ambient Air Temperature For Storage	-40...158 °F (-40...70 °C)

Ordering and shipping details

Category	US10PL109779
Discount Schedule	0PL1
Gtin	785901539346
Returnability	Yes
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.88 in (20.003 cm)
Package 1 Width	8.75 in (22.225 cm)
Package 1 Length	12.00 in (30.48 cm)
Package 1 Weight	4.90 lb(US) (2.223 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 >](#)

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

[China 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: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov