

# Product data sheet

Specifications



## Square D - PowerLogic Energy Meter, Basic 100A, 0.518\"X1.28\" ID, 2CT's

EMB2010

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	60 Hz 50 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	2 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.

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	785901539315
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	5.60 lb(US) (2.54 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-CO<sub>2</sub> 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	<a href="#">Yes</a>
Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>