

# Product data sheet

Specifications



## BCPM power monitoring advanced - 72 solid core 100 A - 18 mm CT spacing

BCPMA272S

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

**Price\*: 11,059.80 USD**

### Main

Range	PowerLogic
Product Name	PowerLogic BCPM
Product Or Component Type	Multi-circuit energy meter
Device Short Name	BCPMA
Model Type	Advanced
Power Monitoring	Basic instrumentation
Energy Management	Sub billing and cost allocation
Device Application	Sub billing
Power Quality Analysis	voltage sag and swell detection
Type Of Measurement	Voltage Current Frequency Active power Power factor Active energy
[Us] Rated Supply Voltage	90...277 V AC 50/60 Hz +/- 1 %
Network Frequency	60 Hz 50 Hz

### Complementary

Current Transformer Input	Solid core CT 100 A72 x
Update Time	1.8 s
Measurement Voltage	90...277 V phase to neutral 150...480 V phase to phase
Measurement Accuracy	Branch current 2 % 0.25...2 A Branch current 1 % 2...100 A Mains current 3 % 1...100 % Mains current 3 % 2...100 % Voltage 1 % 90...277 V
Sampling Rate	256 samples/cycle
Connection Pitch	0.71 in (18 mm)
Provided Equipment	72 x current transformer
Communication Port Protocol	Modbus RTU
Communication Port Support	RS485

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

<b>Communication Of Data</b>	High current alarm Over voltage alarm Under voltage alarm Low current alarm Low-low current alarm High-high current alarm
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## Environment

<b>Mounting Mode</b>	Panel-mounted
<b>Mounting Support</b>	Enclosure Panel
<b>Relative Humidity</b>	0...95 % 32...140 °F (0...60 °C)
<b>Ambient Air Temperature For Storage</b>	-40...158 °F (-40...70 °C)
<b>Operating Altitude</b>	9842.52 ft (3000 m)
<b>Standards</b>	EN 61010 UL 508 ANSI C12.1 IEC 61036
<b>Product Certifications</b>	UL
<b>Width</b>	11.34 in (288 mm)
<b>Height</b>	5.75 in (146 mm)
<b>Net Weight</b>	3.31 lb(US) (1.5 kg)

## Ordering and shipping details

<b>Category</b>	US10PL109793
<b>Discount Schedule</b>	0PL1
<b>Gtin</b>	3606480640346
<b>Returnability</b>	No
<b>Country Of Origin</b>	US

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	5.98 in (15.2 cm)
<b>Package 1 Width</b>	12.01 in (30.5 cm)
<b>Package 1 Length</b>	20.00 in (50.8 cm)
<b>Package 1 Weight</b>	9.52 lb(US) (4.318 kg)

## 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 [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: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)