

# Product datasheet

Specifications



## BCPM power monitoring basic - 42 split core CT 50 A

BCPMSCC42S

 To be discontinued on: Jan 3, 2025

 To be end-of-service on: Dec 31, 2032

 To be discontinued

### Main

Range	PowerLogic
Product Name	PowerLogic BCPMSC
Product Or Component Type	Multi-circuit energy meter
Device Short Name	BCPMSCC
Model Type	Basic
Power Monitoring	Basic instrumentation
Energy Management	Sub billing and cost allocation
Device Application	Sub billing
Type Of Measurement	Current
[Us] Rated Supply Voltage	90...277 V AC 50/60 Hz +/- 1 %
Network Frequency	50 Hz 60 Hz

### Complementary

Current Transformer Input	Split core CT 0.333 V42 x
Update Time	1.8 s
Measurement Voltage	90...277 V phase to neutral 150...480 V phase to phase
Measurement Accuracy	Current 2 % 0.25...2 A Current 1 % 2...100 A
Sampling Rate	256 samples/cycle
Provided Equipment	42 x current transformer 2 x cables 2 x adapter board
Communication Port Protocol	Modbus RTU
Communication Port Support	RS485
Communication Of Data	Low-low current alarm High-high current alarm Low current alarm High current alarm

### Environment

Mounting Mode	Clip-on
Mounting Support	Board

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

Relative Humidity	0...95 % at 0...60 °C
Ambient Air Temperature For Storage	-40...70 °C
Operating Altitude	3000 m
Standards	UL 508 EN 61010 ANSI C12.1 IEC 61036
Product Certifications	UL
Width	288 mm
Height	146 mm
Net Weight	1.5 kg

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	25.8 cm
Package 1 Width	31.0 cm
Package 1 Length	38.7 cm
Package 1 Weight	4.292 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