

Product data sheet

Specifications



BCPM power monitoring intermediate - 60 split core CT 50 A

BCPMSCB60S

⚠ To be discontinued on: Dec 31, 2024

⚠ 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	BCPMSCB
Model Type	Intermediate
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	Split core CT 0.333 V60 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
Provided Equipment	4 x cables 4 x adapter board 60 x current transformer
Communication Port Protocol	Modbus RTU
Communication Port Support	RS485

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

Communication Of Data	High current alarm Under voltage alarm Low current alarm High-high current alarm Low-low current alarm Over voltage alarm
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Environment

Mounting Mode	Clip-on
Mounting Support	Board
Relative Humidity	0...95 % at 0...60 °C
Ambient Air Temperature For Storage	-40...70 °C
Operating Altitude	3000 m
Standards	ANSI C12.1 IEC 61036 UL 508 EN 61010
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	5.74 kg

Contractual warranty

Warranty	18 months
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Sustainability

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