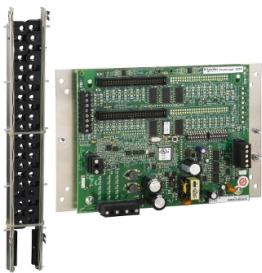# Product data sheet

Specifications

BCPM power monitoring advanced + 2 adapter boards - 42 split core CT (not incld)

BCPMSCAY63S

⚠ **Discontinued on:** May 5, 2023

⚠ **Discontinued**

Main

Range	PowerLogic
Product Name	PowerLogic BCPMSC
Product Or Component Type	Multi-circuit energy meter
Device Short Name	BCPMSCA
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	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	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	2 x cables 2 x adapter board Bracket for support
Communication Port Protocol	Modbus RTU
Communication Port Support	RS485

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

Environment

Mounting Mode	Fixed
Mounting Support	Bracket
Relative Humidity	0…95 % at 0…60 °C
Ambient Air Temperature For Storage	-40…70 °C
Operating Altitude	3000 m
Standards	EN 61010
	ANSI C12.1
	UL 508
	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	153 cm
Package 1 Width	305 cm
Package 1 Length	381 cm
Package 1 Weight	1383.5 g

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_2 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

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

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