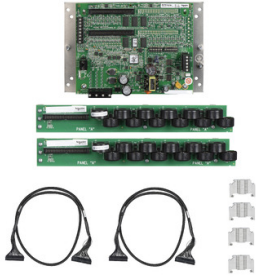


Product datasheet

Specifications



BCPM power monitoring advanced - 84 split core CT 50 A

BCPMSCA84S

⚠ Discontinued on: 12 Feb 2025

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

⚠ To be 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 V84 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	84 x current transformer 4 x cables 4 x adapter board
Communication port protocol	Modbus RTU
Communication port support	RS485

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Communication of data	High-high current alarm Under voltage alarm Low current alarm Over voltage alarm High current alarm Low-low current 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	7.413 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

[EU RoHS Directive](#)

Compliant with Exemptions

REACH Regulation

[REACH Declaration](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Take-back

No

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative





