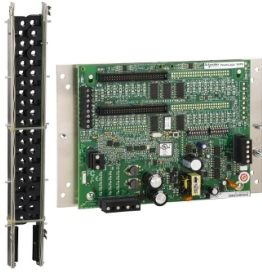


# Product datasheet

Specifications



## BCPM power monitoring advanced - 30 split core CT 50 A

BCPMSCA30S

⚠ 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	50 Hz 60 Hz

### Complementary

current transformer input	Split core CT 0.333 V30 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 30 x current transformer
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"

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

<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	Board
<b>Relative humidity</b>	0...95 % at 0...60 °C
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Operating altitude</b>	3000 m
<b>Standards</b>	EN 61010 ANSI C12.1 UL 508 IEC 61036
<b>Product certifications</b>	UL
<b>Width</b>	288 mm
<b>Height</b>	146 mm
<b>Net weight</b>	1.5 kg

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	25.8 cm
<b>Package 1 Width</b>	31.0 cm
<b>Package 1 Length</b>	38.7 cm
<b>Package 1 Weight</b>	3.458 kg

## Contractual warranty

<b>Warranty (in months)</b>	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