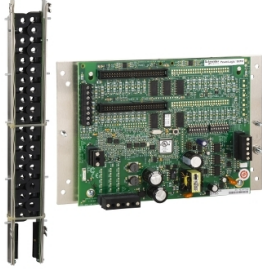


Product datasheet

Specifications



BCPM power monitoring advanced ethernet - 48 solid-core 100A - 18mm CT spacing

BCPME248S

Price: 69,045.27 ZAR

Main

Range	PowerLogic
Product name	PowerLogic BCPM
Product or component type	Multi-circuit energy meter
Device short name	BCPME
Model type	Advanced + ethernet
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	Solid core CT 100 A48 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
Connection pitch	18 mm
Provided equipment	48 x current transformer
Communication port protocol	Modbus RTU BACnet IP BACnet MS/TP Modbus TCP SNMP v2
Communication port support	RS485 ETHERNET

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

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

Mounting mode	Panel-mounted
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Mounting support	Enclosure Panel
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Relative humidity	0...95 % at 0...60 °C
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Ambient air temperature for storage	-40...70 °C
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Operating altitude	3000 m
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Standards	EN 61010 IEC 61036 ANSI C12.1 UL 508
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Product certifications	UL
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Width	253 mm
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Depth	71 mm
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Height	307 mm
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Net weight	1.5 kg
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	33.0 cm
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Package 1 Width	33.0 cm
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Package 1 Length	76.2 cm
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Package 1 Weight	7.614 kg
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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