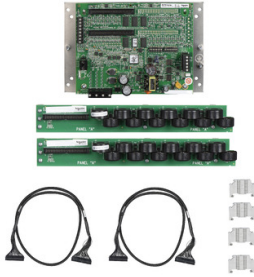


Product datasheet

Specifications



BCPM power monitoring advanced + ethernet - 84 split core CT 50 A

BCPMSCE84S

Price: 117,533.88 ZAR

Main

Range	PowerLogic
Product name	PowerLogic BCPMSC
Product or component type	Multi-circuit energy meter
Device short name	BCPMSCE
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	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 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	Low-low current alarm Over voltage alarm Low current alarm High-high current alarm High current alarm Under voltage alarm
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Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.3 cm
Package 1 Width	30.5 cm
Package 1 Length	50.8 cm
Package 1 Weight	12.474 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





