Product datasheet

Specifications

4 adapter boards - advanced + ethernet - full power and energy on all circuits

BCPMSCE2S

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	50 Hz 60 Hz

Complementary

Current Transformer Input	Current 1 V Current 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 2 % 2…100 A Mains current 2 % 1…100 % Mains current 2 % 2…100 % Voltage 2 % 90…277 V
Sampling Rate	256 samples/cycle
Provided Equipment	4 x adapter board 0 x current transformer
Communication Port Protocol	Modbus RTU BACnet IP BACnet MS/TP Modbus TCP SNMP v2
Communication Port Support	RS485 ETHERNET

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

Environment

Mounting Mode	Clip-on
Mounting Support	Board
Relative Humidity	95 %
Ambient Air Temperature For Operation	0…60 °C
Ambient Air Temperature For Storage	-40…70 °C
Operating Altitude	3000 m
Standards	ANSI C12.1
	EN 61010
	IEC 61010-1
Product Certifications	UL 508
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	15.2 cm
Package 1 Width	30.5 cm
Package 1 Length	50.8 cm
Package 1 Weight	4.773 kg

Sustainability

Green Premium^{TM} 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