Product data sheet

Specifications

BCPM power monitoring basic - 84 solid core 100 A - 26 mm CT spacing

BCPMC184S

⚠ To be discontinued on: Dec 31, 2024

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

⚠ **To be discontinued**

Main

Range	PowerLogic
Product Name	PowerLogic BCPM
Product Or Component Type	Multi-circuit energy meter
Device Short Name	BCPMC
Model Type	Basic
Power Monitoring	Basic instrumentation
Energy Management	Sub billing and cost allocation
Device Application	Sub billing
Type Of Measurement	Current
[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 A84 x
Update Time	1.8 s
Measurement Voltage	90…277 V phase to neutral 150…480 V phase to phase
Measurement Accuracy	Current 2 % 0.25…2 A Current 1 % 2…100 A
Sampling Rate	256 samples/cycle
Connection Pitch	26 mm
Provided Equipment	84 x current transformer 4 x cables
Communication Port Protocol	Modbus RTU
Communication Port Support	RS485
Communication Of Data	Low current alarm Low-low current alarm High-high current alarm High current alarm

Environment

Mounting Mode	Panel-mounted

Mounting Support	Panel Enclosure
Relative Humidity	0…95 % at 0…60 °C
Ambient Air Temperature For Storage	-40…70 °C
Operating Altitude	3000 m
Standards	ANSI C12.1 UL 508 EN 61010 IEC 61036
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	15.9 cm
Package 1 Width	24.8 cm
Package 1 Length	79.4 cm
Package 1 Weight	4.773 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ 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
California Proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov