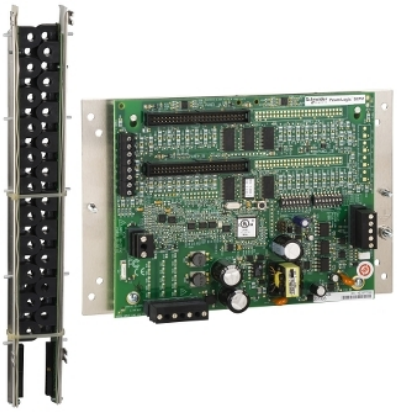
Product data sheet
Characteristics

BCPMB284S
BCPM power monitoring intermediate - 84 solid core 100 A - 18 mm CT spacing



Main

Range	PowerLogic
Product name	PowerLogic BCPM
Product or component type	Multi-circuit energy meter
Device short name	BCPMB
Model type	Intermediate
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 A84 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	84 x current transformer 4 x cables
Communication port protocol	Modbus RTU
Communication port support	RS485
Communication of data	Under voltage alarm Over voltage alarm Low-low current alarm High current alarm Low current alarm High-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

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Standards	IEC 61036 EN 61010 ANSI C12.1 UL 508
Product certifications	UL
Width	288 mm
Height	146 mm
Net weight	1.5 kg

Packing Units

Package 1 Weight	4590.910 g
Package 1 Height	152.000 mm
Package 1 width	305.000 mm
Package 1 Length	508.000 mm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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