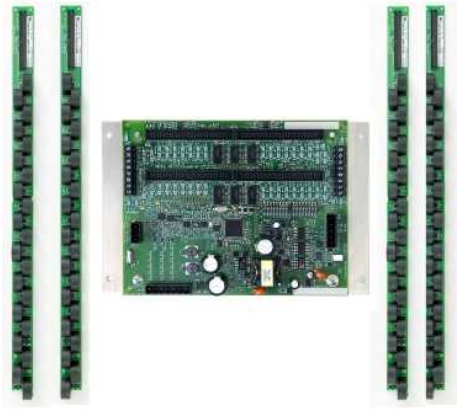
Product data sheet
Characteristics

BCPMC084S
BCPM power monitoring basic - 84 solid core 100 A - 19 mm CT spacing



Main

Range of product	PowerLogic
Product or component type	Multi-circuit energy meter
Device short name	BCPM
Variant	Basic
Power monitoring	Basic instrumentation
Energy management	Sub billing and cost allocation
Type of measurement	Current
[Us] rated supply voltage	90...277 V, AC, 50/60 Hz +/- 1 %
Network frequency	50/60 Hz

Complementary

Current transformer input	Solid core CT, 100 A x 84
Update time	1.8 s
Measurement voltage	150...480 V phase to phase 90...277 V phase to neutral
Measurement accuracy	1 % voltage 90…277 V 3 % mains current 2…100 % 3 % mains current 1…100 % 1 % branch current 2…100 A 2 % branch current 0.25…2 A
Connection pitch	19 mm
Communication port protocol	RS485
Communication network type	Modbus RTU

Environment

Communication of data	Over voltage alarm Under voltage alarm High-high current alarm High current alarm Low current alarm Low-low current alarm
Climatic withstand	Relative humidity 0...60 °C 95 %
Ambient air temperature for storage	-40...70 °C
Standards	EN 61010
Product certifications	UL 508
Width	288 mm
Height	146 mm
Product weight	1.5 kg

Offer Sustainability

Sustainable offer status	Not Green Premium product

Contractual warranty

Period	18 months

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