

BCPMC042S

BCPM power monitoring basic - 42 solid core
100 A - 19 mm CT spacing



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 A42 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	19 mm
Provided equipment	42 x current transformer 2 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	UL 508 IEC 61036 EN 61010 ANSI C12.1
Product certifications	UL
Width	288 mm
Height	146 mm
Net weight	1.5 kg

Packing Units

Package 1 Weight	1.000 kg
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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

Contractual warranty

Warranty	18 months
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