

BCPMC142S

BCPM power monitoring basic - 42 solid core
100 A - 26 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	1.02 in (26 mm)
Provided equipment	42 x current transformer 2 x cables
Communication port protocol	Modbus RTU
Communication port support	RS485
Communication of data	High current alarm Low-low current alarm Low current alarm High-high current alarm

Environment

Mounting Mode	Panel-mounted
Mounting Support	Enclosure Panel
Relative humidity	0...95 % 32...140 °F (0...60 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Operating altitude	9842.52 ft (3000 m)
Standards	ANSI C12.1 UL 508 EN 61010 IEC 61036
Product certifications	UL
Width	11.34 in (288 mm)
Height	5.75 in (146 mm)
Net Weight	3.31 lb(US) (1.5 kg)

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Ordering and shipping details

Category	09793-PLOGIC BRANCH CIRCUIT BCPM & MCM
Discount Schedule	PL1
GTIN	3606480299599
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.26 in (15.9 cm)
Package 1 Width	9.76 in (24.8 cm)
Package 1 Length	31.26 in (79.4 cm)
Package 1 Weight	6.71 lb(US) (3.045 kg)

Offer Sustainability

California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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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