



Main

Range	PowerLogic
Product name	PowerLogic BCPM
Product or Component Type	Multi-circuit energy meter
Device short name	BCPMA
Model type	Advanced
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	60 Hz 50 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	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	0.75 in (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 High current alarm Low-low current alarm Under voltage alarm High-high current alarm Over voltage 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)

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Standards	IEC 61036 ANSI C12.1 UL 508 EN 61010
Product certifications	UL
Width	11.34 in (288 mm)
Height	5.75 in (146 mm)
Net Weight	3.31 lb(US) (1.5 kg)

Ordering and shipping details

Category	09793-PLOGIC BRANCH CIRCUIT BCPM & MCM
Discount Schedule	PL1
GTIN	3606480299490
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	62.60 in (159 cm)
Package 1 Width	97.64 in (248 cm)
Package 1 Length	312.60 in (794 cm)
Package 1 Weight	105.02 oz (2977.27 g)

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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