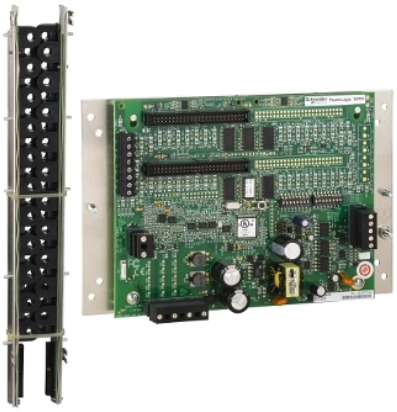
Product data sheet
Characteristics

BCPMSCE1S
2 adapter boards - advanced + ethernet - full power and energy on all circuits



Main

Range	PowerLogic
Product name	PowerLogic BCPMSC
Product or component type	Multi-circuit energy meter
Device short name	BCPMSCE
Model type	Advanced + ethernet
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	42 current 0.333 V Current 1 V
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
Provided equipment	2 x adapter board 0 x current transformer
Communication port protocol	Modbus RTU BACnet IP BACnet MS/TP Modbus TCP SNMP v2
Communication port support	RS485 Ethernet
Communication of data	Under voltage alarm Low-low current alarm High-high current alarm High current alarm Low current alarm Over voltage alarm

Environment

Mounting mode	Clip-on
Mounting support	Board
Relative humidity	95 %
Ambient air temperature for operation	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	IEC 61010-1 EN 61010 ANSI C12.1
Product certifications	UL 508
Maximum Width	11.34 in (288 mm)
Maximum 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
Nbr. of units in pkg.	1
Package weight(Lbs)	10 lb(US) (4.54 kg)
Returnability	No

Offer Sustainability

EU RoHS Directive	Compliant EU RoHS Declaration
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.