



### Main

Range	PowerLogic
Product name	PowerLogic BCPMSC
Product or component type	Multi-circuit energy meter
Device short name	BCPMSCA
Variant	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	50 Hz 60 Hz

### Complementary

Analogue input type	Split core CT, 0.333 V x 84
Update time	1.8 s
Measurement voltage	90...277 V phase to neutral 150...480 V phase to phase
Measurement accuracy	2 % branch current 0.25...2 A 1 % branch current 2...100 A 3 % mains current 1...100 % 3 % mains current 2...100 % 1 % voltage 90...277 V
Sampling rate	256 samples/cycle
Provided equipment	4 x adapter board

	84 x current transformer 4 x cables
Communication port protocol	Modbus RTU
Communication port support	RS485
Communication of data	Low-low current alarm High current alarm High-high current alarm Under voltage alarm Over voltage alarm Low current alarm

## Environment

Mounting mode	Clip-on
Mounting support	Board
Relative humidity	95 % between 0...60 °C
Ambient air temperature for storage	-40...70 °C
Operating altitude	3000 m
Standards	IEC 61036 EN 61010 UL 508 ANSI C12.1
Product certifications	UL
Width	288 mm
Height	146 mm
Product weight	1.5 kg

## Offer Sustainability

Sustainable offer status	Not Green Premium product
--------------------------	---------------------------

## Contractual warranty

Warranty period	18 months
-----------------	-----------