



### 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 A72 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	18 mm
Provided equipment	72 x current transformer
Communication port protocol	Modbus RTU
Communication port support	RS485
Communication of data	High current alarm

Over voltage alarm  
Under voltage alarm  
Low current alarm  
Low-low current alarm  
High-high current alarm

## Environment

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

## Offer Sustainability

EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins