



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	50 Hz 60 Hz

Complementary

Current transformer input	Solid core CT, 100 A x 48
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
Connection pitch	18 mm
Provided equipment	48 x current transformer
Communication port protocol	Modbus RTU
Communication port support	RS485
Communication of data	Over voltage alarm

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

Environment

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