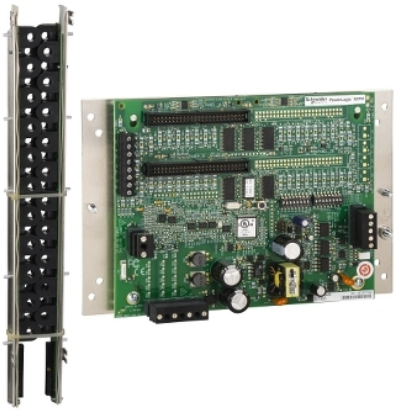
Product data sheet
Characteristics

BCPME236S
BCPM power monitoring advanced ethernet - 36 solid-core 100A - 18mm CT spacing



Main

Range	PowerLogic
Product name	PowerLogic BCPM
Product or component type	Multi-circuit energy meter
Device short name	BCPME
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	60 Hz 50 Hz

Complementary

Current transformer input	Solid core CT 100 A36 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	36 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 current alarm Over voltage alarm Low-low current alarm High current alarm High-high current alarm

Environment

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

Packing Units

Package 1 Weight	6931.820 g
Package 1 Height	330.000 mm
Package 1 width	330.000 mm
Package 1 Length	762.000 mm

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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