

# BCPME272S

BCPM power monitoring advanced ethernet -  
72 solid core 100 A - 18 mm 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	50 Hz 60 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 BACnet IP BACnet MS/TP Modbus TCP SNMP v2
Communication port support	RS485 Ethernet
Communication of data	Low-low current alarm Low current alarm Under voltage alarm Over voltage alarm High-high current alarm High current alarm

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## Environment

Mounting mode	Panel-mounted
Mounting support	Enclosure Panel
Relative humidity	0...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

## Packing Units

Package 1 Weight	8204.550 g
Package 1 Height	330.000 mm
Package 1 width	330.000 mm
Package 1 Length	762.000 mm

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</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