

# BCPMC284S

BCPM power monitoring basic - 84 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	BCPMC
Model type	Basic
Power monitoring	Basic instrumentation
Energy management	Sub billing and cost allocation
Device application	Sub billing
Type of measurement	Current
[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 A84 x
Update time	1.8 s
Measurement voltage	90...277 V phase to neutral 150...480 V phase to phase
Measurement accuracy	Current 2 % 0.25...2 A Current 1 % 2...100 A
Sampling rate	256 samples/cycle
Connection pitch	18 mm
Provided equipment	84 x current transformer 4 x cables
Communication port protocol	Modbus RTU
Communication port support	RS485
Communication of data	Low-low current alarm High-high current alarm Low current alarm 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	ANSI C12.1 IEC 61036 EN 61010 UL 508
Product certifications	UL
Width	288 mm
Height	146 mm
Net weight	1.5 kg

## Packing Units

Package 1 Weight	4590.910 g
Package 1 Height	152.000 mm
Package 1 width	305.000 mm
Package 1 Length	508.000 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