Product data sheet

Specifications

PowerLogic EM4300 Energy Meter - 200A - Zigbee communication - class 1

METSEEM4302

⚠ Discontinued on: Dec 31, 2019

⚠ Discontinued

Main

Range	PowerLogic
Product Name	PowerLogic EM4300
Device Short Name	EM4302
Product Or Component Type	Energy meter
Communication Port Protocol	Zigbee at 2400 MHz

Complementary

Type Of Data	Active and reactive energy Active and reactive power Apparent energy Apparent power Current Voltage Frequency
Metering Type	Active, reactive, apparent energy (signed, two quadrant)
[Us] Rated Supply Voltage	100...277 V AC ±10%
[In] Rated Current	200 A
Network Frequency	50 Hz 60 Hz
Measurement Accuracy	Active energy 1 %
Input Type	Rogowski coil 4...240 A 65 °C, cable length: 1.5 m
Mounting Support	DIN rail Panel mounting
Communication Network Type	Wireless Zigbee (2.4 GHz), 10 mW at 10 m
Local Signalling	Status: LED (green/red)
Display Type	Without display
Ambient Air Temperature For Operation	-10…55 °C
Connections - Terminals	Screw terminals (bottom) 0.2…2.5 mm² cable(s)
Tightening Torque	0.5 N.m
Wire Stripping Length	7 mm
Maximum Power Consumption In W	2 W
Product Compatibility	PowerLogic ComX data logger MPM SmartStruxure Lite
Mounting Mode	By screws Clip-on

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Measurement Category	Category III
Type Of Installation	Indoor
Isolation Voltage	III class II, 300 V conforming to IEC 61010-1
Maximum Supply Current	0.4 A
Protection Type	Switch-disconnector fuse 10 A measuring input

Environment

Ip Degree Of Protection	IP20
Pollution Degree	2
Relative Humidity	90 % at 37 °C
Operating Altitude	0...2000 m
Radio Agreement	R&TTE FCC IC
Standards	UL 61010-1:ed. 3 EN 62311:2008 ETSI EN 301 489-1:v1.9.2 ETSI EN 301 489-17:v2.2.1, 2012 ETSI EN 300 328:v1.8.1 EN 61010-1:ed. 3 EN 61326-1:2013 ETSI EN 300 440-1:v1.6.1 ETSI EN 300 440-2:V1.4.1 FCC CFR 47 part 15 RSS 210 issue 8
Directives	2004/108/EC - electromagnetic compatibility 2006/95/EC - low voltage directive 1999/5/EC - R&TTE directive
Product Certifications	CE FCC IC

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6 cm
Package 1 Width	24.5 cm
Package 1 Length	26 cm
Package 1 Weight	553 g

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Well-being performance

✅ Reach Free Of Svhc

Eu Rohs Directive	Not compliant
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins