Product data sheet

Specifications

PowerLogic EM4900 Multi-Circuit Meter – 28x3P circuits - Modbus RTU only

METSEEM4928A

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 9,482.70 USD

Main

Range	PowerLogic
Product Or Component Type	Multi-circuit energy meter
Product Name	PowerLogic EM4900
Device Short Name	EM4928
Power Monitoring	Basic instrumentation
Energy Management	Billing analysis Sub billing and cost allocation
Device Application	Sub billing
Type Of Measurement	Current per phase, rms Current average Phase angle Active power total Active power per phase Apparent power total Apparent power per phase Power factor average Power factor per phase Active energy
Metering Type	Demand power P Demand current I1, I2, I3, peak demand current IM1, IM2, IM3
[Us] Rated Supply Voltage	100...277 V AC 50/60 Hz
Network Frequency	60 Hz 50 Hz

Complementary

Sampling Rate	256 samples/cycle
Current Transformer Input	Solid core CT 0.333 V84 x single pole Solid core CT 0.333 V42 x single phase Solid core CT 0.333 V28 x three phase Split core CT 0.333 V84 x single pole Split core CT 0.333 V42 x single phase Split core CT 0.333 V28 x three phase
Measurement Voltage	150…480 V AC 50/60 Hz between phases 90…277 V AC 50/60 Hz between phase and neutral
Measurement Accuracy	Power +/- 0.5 % of the measuring range Energy +/- 0.5 % of the measuring range Current +/- 0.5 % of the measuring range Voltage +/- 0.5 % of the measuring range
Communication Port Protocol	Modbus RTU 9600, 19200, 38400 bps even/odd or none - 2 or 4 wires
Communication Port Support	RS485 screw block terminal

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Data Update Rate	2 s Modbus) 14 s BACnet) 20 s SNMP)
Data Recording	Maximum of demand current Maximum of instantaneous current Maximum of demand active power
Communication Of Data	High current alarm Low current alarm Low-low current alarm Under voltage alarm Over voltage alarm Total energy High-high current alarm
Communication Service	Updating firmware

Environment

Mounting Mode	Wall mount
Installation Category	III
Pollution Degree	2
Ambient Air Temperature For Operation	32…140 °F (0…60 °C)
Ambient Air Temperature For Storage	-40…158 °F (-40…70 °C)
Standards	IEC 61010 UL 508
Width	11.34 in (288 mm)
Depth	5.75 in (146 mm)
Net Weight	3.31 lb(US) (1.5 kg)

Ordering and shipping details

Category	US10PL109793
Discount Schedule	0PL1
Gtin	3606489870300
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.82 in (9.7 cm)
Package 1 Width	8.31 in (21.1 cm)
Package 1 Length	9.49 in (24.1 cm)
Package 1 Weight	5.50 lb(US) (2.495 kg)

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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability 〉

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov