

PowerLogic EM4900 Multi-Circuit Meter - 28x3P circuits - Ethernet and Serial

METSEEM4928E

Discontinued on: Mar 11, 2024

(!) Discontinued

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

Main

Range	PowerLogic	
Product or Component Type	Multi-circuit energy meter	
product name	PowerLogic EM4900E	
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 current I1, I2, I3, peak demand current IM1, IM2, IM3 Demand power P	
[Us] rated supply voltage	100277 V AC 50/60 Hz	
Network Frequency	50 Hz 60 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	150480 V AC 50/60 Hz between phases	
	90277 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	

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

Communication port protocol	Modbus RTU 9600, 19200, 38400 bps even/odd or none - 2 wires	
Communication por t protoco.	Modbus TCP 9600, 19200, 38400 bps even/odd or none - 2 wires	
	SNMP	
	BACnet IP 10, 100 Mbits	
	BACNET MS/TP	
	DAGNET WIS/TF	
Communication port support	Spring connector RS485	
	RJ45	
data update rate	2 s Modbus)	
	14 s BACnet)	
	20 s SNMP)	
Data recording	Maximum of demand active power	
	Maximum of instantaneous current	
	Maximum of demand current	
Communication of data	Low-low current alarm	
	Total energy	
	Over voltage alarm	
	High-high current alarm	
	Low current alarm	
	High current alarm	
	Under voltage alarm	
Web services	Web server	
Communication Service	Updating firmware	

Environment

Mounting Mode	Wall mount	
Installation category	III	
Pollution degree	2	
Ambient air temperature for operation	32140 °F (060 °C)	
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Standards	IEC 61010 UL 508	
Width	10.0 in (253 mm)	
Depth	12.09 in (307 mm)	
Height	2.8 in (70 mm)	
Product Weight	3.3 lb(US) (1.5 kg)	

Ordering and shipping details

Category	US10PL109793
Discount Schedule	0PL1
GTIN	3606489870317
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.50 in (16.5 cm)
Package 1 Width	14.96 in (38.0 cm)
Package 1 Length	16.93 in (43.0 cm)

Package 1 Weight

12.000 lb(US) (5.443 kg)



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
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

Use Again

○ Repack and remanufacture	
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.