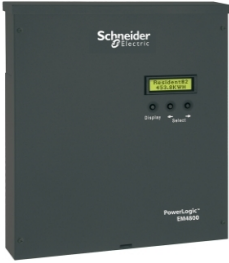


Product data sheet

Specifications



EM4800 multi-circuit energy meter - 24 x 80 mA inputs, 120 V - 60 Hz

METSEEM488016

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

Main

Range	PowerLogic
Product or Component Type	Multi-circuit energy meter
Product name	PowerLogic EM4800
Device short name	EM4800
Power monitoring	Basic instrumentation
Energy management	Sub billing and cost allocation Billing analysis
Device Application	Sub billing
Type of measurement	Current per phase, rms Voltage per phase, rms Negative reactive energy Apparent energy Pulse count Positive active energy Positive reactive energy Negative active energy
[Us] rated supply voltage	120 V AC 60 Hz
Network Frequency	60 Hz

Complementary

Sampling rate	256 samples/cycle
Display Type	Backlit LCD
Messages display capacity	2 lines of 16 characters
current transformer input	Solid core CT 80 mA24 x single pole Solid core CT 80 mA12 x single phase Solid core CT 80 mA8 x three phase
Measurement voltage	80...480 V 480...999000 V with external VT
Measurement accuracy	+/- 0.5 % of the measuring range
Number of inputs	2 pulse
Communication port protocol	BACnet IP FTP HTTP Modbus TCP/IP SNTP
Communication port support	RJ45 ETHERNET RJ11 modem SUB-D 9 RS232

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Communication of data	Positive reactive energy Positive active energy Voltage Apparent energy Negative reactive energy Negative active energy
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Environment

Mounting Mode	Wall mount
Device mounting	Wall mounted
Type of Installation	Indoor installation Enclosed outdoor
Relative humidity	90 % 104 °F (40 °C)
Pollution degree	2
Ambient air temperature for operation	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Operating altitude	<= 9842.52 ft (3000 m)
Standards	ICES-003 CSA C22.2 No 61010-1 IEC 61000-4-5 EN 55022 FCC Part 15 class B IEC 61010-1 ANSI/TIA-568-A
Product certifications	UL
Width	13.2 in (33.5 cm)
Depth	2.2 in (5.5 cm)
Height	12.008 in (30.5 cm)
Product Weight	8.8 lb(US) (4 kg)

Ordering and shipping details

Category	US10PL109796
Discount Schedule	0PL1
GTIN	00785901754497
Returnability	No
Country of origin	CA

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.8 in (9.7 cm)
Package 1 Width	8.3 in (21.1 cm)
Package 1 Length	9.5 in (24.1 cm)
Package weight(Lbs)	2.2 lb(US) (1 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

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

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
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 Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No