



# EM4800 multi-circuit energy meter - 24 x 333 mV inputs, 120 V - 60 Hz

METSEEM483316

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

Display Type	Backlit LCD	
Messages display capacity	2 lines of 16 characters	
current transformer input	Solid core CT 0.333 V24 x single pole Solid core CT 0.333 V12 x single phase Solid core CT 0.333 V8 x three phase Split core CT 0.333 V24 x single pole Split core CT 0.333 V12 x single phase Split core CT 0.333 V12 x single phase Split core CT 0.333 V8 x three phase	
Measurement voltage	80480 V 480999000 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.

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

### **Environment**

Mounting Mode	Wall mount	
Device mounting	Wall mounted	
Type of Installation	Enclosed outdoor Indoor installation	
Relative humidity	90 % 104 °F (40 °C)	
Pollution degree	2	
Ambient air temperature for operation	-40158 °F (-4070 °C)	
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Operating altitude	<= 9842.52 ft (3000 m)	
Standards	IEC 61010-1 CSA C22.2 No 61010-1 EN 55022 ANSI/TIA-568-A FCC Part 15 class B ICES-003 IEC 61000-4-5	
Product certifications	UL	
Width	13.19 in (33.5 cm)	
Depth	2.17 in (5.5 cm)	
Height	12.01 in (30.5 cm)	
Net Weight	8.8 lb(US) (4 kg)	

## Ordering and shipping details

Category	US10PL109796	
Discount Schedule	0PL1	
GTIN	3606487732884	
Returnability	No	
Country of origin	CA	

# **Packing Units**

Unit Type of Package 1	PCE	
Nbr. of units in pkg.	1	
Package 1 Height	9.00 in (22.86 cm)	
Package 1 Width	17.00 in (43.18 cm)	
Package 1 Length	17.00 in (43.18 cm)	
Package weight(Lbs)	15.999 lb(US) (7.257 kg)	

## **Contractual warranty**

Warranty 18 months



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
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