

Product data sheet

Characteristics

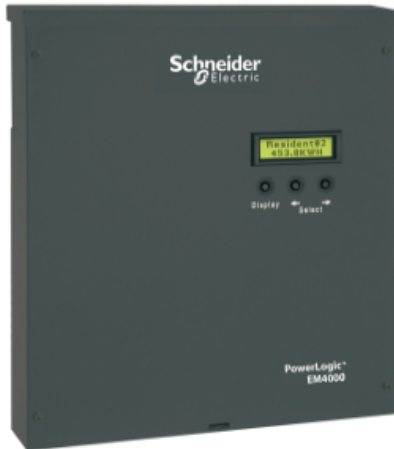
METSEEM408016

EM4000 multi-circuit energy meter, 24 x 333 mV inputs, 277V control power 60 Hz

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



Price** : 4,761.00 USD



Main

Range	PowerLogic
Product or component type	Multi-circuit energy meter
Product name	PowerLogic EM4000
Device short name	EM4080
Power monitoring	Basic instrumentation
Energy management	Sub billing and cost allocation Billing analysis
Device application	Sub billing
Power quality analysis	compliance monitoring
Type of measurement	Current per phase, rms Voltage per phase, rms Negative reactive energy Apparent energy Pulse count Active and reactive power Apparent power 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	24 solid core CT 80 mA single pole 12 solid core CT 80 mA single phase 8 solid core CT 80 mA three phase
Measurement voltage	80...480 V without PTs

	480...999000 V with external PTs
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 RS485
Communication of data	Negative active energy Positive active energy Voltage Positive reactive energy Apparent energy Negative reactive energy

Environment

Mounting mode	Wall mount
Device mounting	Wall mounted
Enclosure type	NEMA type 1
Type of installation	Enclosed outdoor Indoor installation
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	IEC 6100-4-5 ICES-003 FCC part 15 class B CSA C22.2 No 61010-1 EN 55022 ANSI/TIA-968-A : 2002 CSA C22.2 No 61010-1-4
Product certifications	UL
Width	12.01 in (30.5 cm)
Depth	2.17 in (5.5 cm)
Height	13.19 in (33.5 cm)
Net weight	8.82 lb(US) (4 kg)

Ordering and shipping details

Category	09796 - POWERLOGIC EM40/48 HARDWARE
Discount Schedule	PL1
Package weight(Lbs)	1.59 kg (3.5 lb(US))
Returnability	No
Country of origin	CA

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals which are known to the State of California to cause Carcinogen + Reproductive harm. For more information go to www.p65warnings.ca.gov
RECh Regulation	RECh Declaration
RECh free of SVHC	Yes
EU RoHS Directive	Not compliant
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

WEEE

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
