Product data sheet
Characteristics

METSEEM3560A
PowerLogic EM3500 DIN rail meter - BACnet - flexible transducer

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

Price** : 940.00 USD



Main

Range	PowerLogic
Range of product	PowerLogic EM3500
Device short name	EM3560A
Product or component type	Energy meter
Metering type	Peak demand power PM, QM, SM Current I1, I2, I3, Iavg Demand power P, Q, S Voltage U21, U32, U13, V1, V2, V3

Complementary

Poles description	3P + N
Type of measurement	Active and reactive power total Active and reactive power per phase Apparent power total Apparent power per phase Power factor total Power factor per phase Peak demand power Current Voltage Frequency
Device application	Sub billing Partial meter
Accuracy class	Class 0.5S power IEC 62053-22 Class 0.5S energy IEC 62053-22 Class 0.5S power ANSI C12.20 Class 0.5S energy ANSI C12.20
Measurement accuracy	Power +/- 0.5 % Energy +/- 0.5 %
Input type	Rogowski coil 50...5000 A
Rated voltage	90…347 V

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

Network frequency	50 Hz 60 Hz
Technology type	Electronic
Display type	Backlit LCD
Measurement current	20…5000 A
Display digits	5
Information displayed	Status and alert Communication with system Input/output status Error Tx activity Rx activity Instant power per usage
Tamperproof of settings	Protected by access code
Communication port protocol	BACnet MS/TP 9600 bauds...115200 bauds (automatic detection) - 2-wire
Communication port support	Screw terminal block RS485
Communication service	Total cumulated energy Total cumulated active energy
Data recording	Energy consumption logs
Demand intervals	External synchronisation to communication Fixed or rolling block
Local signalling	Red LED threshold reached Green flashing LED output signal
Number of accumulator inputs	1 pulse
Number of outputs	1 alarm output
Buffer size	32-bit 3
[Ue] rated operational voltage	90...347 V AC 50/60 Hz between phase and neutral UL 156...600 V AC 50/60 Hz between phases UL 90...300 V AC 50/60 Hz between phase and neutral CE 125...300 V DC
Power consumption in VA	5 VA 347 V AC between phase and neutral) 5 VA 600 V AC between phases)
Power consumption in W	3 W 300 V
Ride-through time	100 ms 120 V AC
Mounting mode	By screws Clip-on
Mounting support	DIN rail
Standards	IEC 61010-1 UL 508 CSA C22.2 No 14-05
Product certifications	CE IEC 61010 CULus UL 508

Environment

Relative humidity	0…95 %
Ambient air temperature for operation	-22…158 °F (-30…70 °C)
Ambient air temperature for storage	-40…185 °F (-40…85 °C)
Color	Dark grey
9 mm pitches	12
Width	4.21 in (107 mm)
Height	3.58 in (91 mm)
Depth	2.32 in (59 mm)

Ordering and shipping details

Category	09798 - POWERLOGIC EM3500 SERIES
Discount Schedule	PL1
Returnability	Yes

Offer Sustainability

EU RoHS Directive	Not compliant
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.