

Product data sheet

Specifications



PowerLogic EM3500 DIN rail meter - BACnet - current transformer

METSEEM3560

Main

Range	PowerLogic
range of product	PowerLogic EM3500
Device short name	EM3560
Product or component type	Energy meter
Metering type	Current I1, I2, I3, Iavg Voltage U21, U32, U13, V1, V2, V3 Peak demand power PM, QM, SM Demand power P, Q, S

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	Partial meter Sub billing
Accuracy class	Class 0.2S power conforming to IEC 62053-22 Class 0.2S energy conforming to IEC 62053-22 Class 0.2S power conforming to ANSI C12.20 Class 0.2S energy conforming to ANSI C12.20
Measurement accuracy	Power +/- 0.2 % Energy +/- 0.2 %
input type	Low voltage current transformer 0.333 V or 1 V
Rated voltage	90...347 V
Network frequency	60 Hz 50 Hz
Technology type	Electronic
Display type	Backlit LCD
Measurement current	5...32000 A
Display digits	5

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

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 at 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	Fixed or rolling block External synchronisation to communication
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 conforming to UL 156...600 V AC 50/60 Hz between phases conforming to UL 90...300 V AC 50/60 Hz between phase and neutral conforming to CE 125...300 V DC
Power consumption in VA	5 VA at 347 V AC (between phase and neutral) 5 VA at 600 V AC (between phases)
Power consumption in W	3 W at 300 V
Ride-through time	100 ms 120 V AC
Mounting mode	Clip-on By screws
Mounting support	DIN rail
Standards	UL 508 CSA C22.2 No 14-05 IEC 61010-1
Product certifications	CE conforming to IEC 61010 CULus conforming to UL 508

Environment

Relative humidity	0...95 %
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...85 °C
Colour	Dark grey
9 mm pitches	12
Width	107 mm
Height	91 mm
Depth	59 mm

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	9.1 cm
Package 1 Width	10.7 cm
Package 1 Length	5.9 cm
Package 1 Weight	3.629 kg


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 with Exemptions
SCIP Number	7e026619-91b4-4741-a9c3-c4a1c1c83d61
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