



## Main

Range	PowerLogic
Product name	PowerLogic EM3500
Device short name	EM3550
Product or component type	Energy meter
Metering type	Voltage U21, U32, U13, V1, V2, V3 Demand power P, Q, S Peak demand power PM, QM, SM Current I1, I2, I3, Iavg

## Complementary

Poles description	3P + N
Type of measurement	Voltage Current Frequency Power factor (total) Power factor (per phase) Apparent power (total) Apparent power (per phase) Active and reactive power (total) Active and reactive power (per phase) Peak demand power
Device application	Sub billing Partial meter
Accuracy class	Power : class 0.5S according to IEC 62053-22 Energy : class 0.5S according to IEC 62053-22 Power : class 0.5S according to ANSI C12.20 Energy : class 0.5S according to ANSI C12.20
Measurement accuracy	+/- 0.5 % power +/- 0.5 % energy
Analogue input type	Split core current transducer 0.333 V or 1 V
Rated voltage	90...347 V
Network frequency	50 Hz 60 Hz
Technology type	Electronic
Display type	Backlit LCD
Measurement current	5...32000 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	Modbus RTU 1200...38400 bps 2-wire
Communication port support	Screw terminal block: RS485
Communication service	Total cumulated energy Total cumulated active energy
Data recording	Energy consumption logs
Function available	Fixed or rolling block External synchronisation to communication
Local signalling	Threshold reached : LED (red) Output signal : flashing LED (green)
Number of outputs	1 pulse

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	1 alarm output
[Us] rated supply voltage	90...347 V AC 50/60 Hz 125...300 V DC
Power consumption in VA	
Power consumption in W	<= 3 W at 300 V
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 conforming to IEC 61010 CULus conforming to 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)

## Offer Sustainability

Not Green Premium product	Not Green Premium product
Will not be Compliant	Will not be Compliant