

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



Main

| | |
|---------------------------|--|
| Range | PowerLogic |
| Range of product | PowerLogic EM3500 |
| Device short name | EM3555A |
| Product or component type | Energy meter |
| Metering type | Demand power P, Q, S Peak demand power PM, QM, SM Voltage U21, U32, U13, V1, V2, V3 Active, reactive, apparent energy (signed, four quadrant) Current I1, I2, I3, Iavg |

Complementary

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| 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 |
| Network frequency | 60 Hz 50 Hz |
| Technology type | Electronic |

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|--------------------------------|---|
| 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 | Modbus RTU at 1200...38400 bps - 2-wire |
| Communication port support | Screw terminal block RS485 |
| Communication of data | Lifetime energy production Instantaneous and demand values |
| Communication service | Total cumulated active energy Total cumulated energy |
| Data recording | Energy consumption logs Time stamping |
| Demand intervals | Fixed or rolling block External synchronisation to communication |
| Local signalling | Red LED threshold reached Green flashing LED output signal |
| Number of outputs | 1 alarm output 1 pulse |
| Buffer size | 16-bit 10 |
| [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 | CSA C22.2 No 14-05 IEC 61010-1 UL 508 |
| Product certifications | CE IEC 61010 CULus UL 508 |

Environment

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|---------------------------------------|----------------------------|
| Relative humidity | 0...95 % |
| Ambient air temperature for operation | -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

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|---------------------|----------------------------------|
| Category | 09798 - POWERLOGIC EM3500 SERIES |
| Discount Schedule | PL1 |
| GTIN | 00785901657088 |
| Package weight(Lbs) | 2 lb(US) (0.91 kg) |

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|---------------|----|
| Returnability | No |
|---------------|----|

Offer Sustainability

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|----------------------------|--|
| California proposition 65 | WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| 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. |
