

Product data sheet

Specifications



iEM3350 energy meter - 125 A - Modbus

A9MEM3350

Main

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|---------------------------|----------------|
| Range | Acti 9 |
| Range of product | Acti 9 iEM3000 |
| Device short name | IEM3350 |
| Product or component type | Energy meter |

Complementary

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|-----------------------------|--|
| Poles description | 3P + N 3P 1P + N |
| Type of measurement | Active energy Current Voltage Active power |
| Device application | Partial meter Sub billing |
| Accuracy class | Class 1 active energy conforming to IEC 62053-21 Class 1 active energy conforming to IEC 61557-12 Class B active energy conforming to EN 50470-3 |
| Input type | Direct input |
| [In] rated current | 125 A |
| Rated voltage | 100...277 V 173...480 V |
| Network frequency | 50 Hz 60 Hz |
| Technology type | Electronic |
| Display type | LCD display |
| Sampling rate | 32 samples/cycle |
| Measurement current | 0...125 A |
| Maximum value measured | 99999999.9 kWh |
| Communication port protocol | Modbus RTU at 9.6, 19.2 and 38.4 kbauds even/odd or none, insulation 4000 V |
| Communication port support | Screw terminal block: RS485 |
| Local signalling | Green indicator light: power ON Yellow flashing LED: accuracy checking Yellow indicator light: communications are active on the Modbus port (Modbus) |
| Number of inputs | 0 |
| Number of outputs | 0 |

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

| | |
|--------------------------------|---|
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| Connections - terminals | Screw terminals 50 mm ² cable(s) |
| Overvoltage category | III |
| Standards | IEC 61010 IEC 61036 UL 61010-1 IEC 62053-21 IEC 62053-23 IEC 61557-12 |
| Product certifications | CE conforming to IEC 61010 (safety) CE conforming to EN 61557-12 (power monitor) CE conforming to IEC 61326-1 (EMC) CULus conforming to UL 61010 (safety) CULus conforming to ANSI C12.20 (sub-meter) EAC (sub-meter) RCM conforming to NMI M 6-1 (sub-meter) UL |

Environment

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|--|---|
| IP degree of protection | IP40 front panel: conforming to IEC 60529 IP20 body: conforming to IEC 60529 |
| Pollution degree | 2 |
| Relative humidity | 5...95 % at 50 °C |
| Ambient air temperature for operation | -25...60 °C - IEC |
| Ambient air temperature for storage | -40...85 °C |
| Operating altitude | < 2000 m |
| Colour | White |
| 9 mm pitches | 14 |
| Width | 126 mm |
| Height | 103.2 mm |
| Depth | 69.3 mm |

Packing Units

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|-------------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 590 g |
| Package 1 Height | 8.5 cm |
| Package 1 width | 11 cm |
| Package 1 Length | 13 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 16 |
| Package 2 Weight | 11356 g |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 384 |
| Package 3 Weight | 281544 g |

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|-------------------------|---------|
| Package 3 Height | 800 mm |
| Package 3 width | 1200 mm |
| Package 3 Length | 1100 mm |

Offer Sustainability

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|-----------------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| California proposition 65 | WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov |