

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



Main

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|---------------------------|----------------|
| Range | Acti 9 |
| Range of product | Acti 9 iEM3000 |
| Device short name | IEM3100 |
| Product or component type | Energy meter |

Complementary

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|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| Poles description | 1P + N 3P 3P + N |
| Type of measurement | Active energy |
| Device application | Partial meter Sub billing |
| Accuracy class | Class 1 active energy IEC 62053-21 Class 1 active energy IEC 61557-12 Class B active energy EN 50470-3 |
| Input type | Direct input |
| Line Rated Current | 63 A |
| Rated voltage | 100...277 V 173...480 V |
| Network frequency | 60 Hz 50 Hz |
| Technology type | Electronic |
| Display type | LCD display |
| Sampling rate | 32 samples/cycle |
| Measurement current | 0...63 A |
| Maximum value measured | 99999999.9 kWh |
| Communication port protocol | - |
| Communication port support | - |
| Local signalling | Green indicator light power ON Yellow flashing LED accuracy checking |
| Number of inputs | 0 |
| Number of outputs | 0 |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| Connections - terminals | Screw terminals 0.02 in ² (16 mm ²) |
| Overvoltage category | III |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards | IEC 61036 IEC 61557-12 IEC 62053-23 IEC 61010 UL 61010-1 IEC 62053-21 |
| Product certifications | CE IEC 61010 safety) CE EN 61557-12 power monitor) CE IEC 61326-1 EMC) CULus UL 61010 safety) CULus ANSI C12.20 sub-meter) EAC sub-meter) RCM NMI M 6-1 sub-meter) UL |

Environment

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|---------------------------------------|----------------------------------------------------------------------------------------------------------|
| IP degree of protection | Front panel IP40 IEC 60529 Body IP20 IEC 60529 |
| Pollution degree | 2 |
| Relative humidity | 5...95 % 122 °F (50 °C) |
| Ambient air temperature for operation | -13...131 °F (-25...55 °C) - MID -13...140 °F (-25...60 °C) - NMI -13...140 °F (-25...60 °C) - IEC |
| Ambient air temperature for storage | -40...185 °F (-40...85 °C) |
| Operating altitude | < 6561.68 ft (2000 m) |
| Color | White |
| 9 mm pitches | 10 |
| Width | 3.54 in (90 mm) |
| Height | 3.74 in (95 mm) |
| Depth | 2.72 in (69 mm) |

Ordering and shipping details

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|---------------------|------------------------------|
| Category | 09786 - SE ENTRY POWER METER |
| Discount Schedule | PL1 |
| GTIN | 03606480481482 |
| Package weight(Lbs) | 0.04 kg (0.08 lb(US)) |
| Returnability | No |
| Country of origin | CN |

Offer Sustainability

| | |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Contractual warranty

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| Warranty | 18 months |
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