## A9MEM3110
### iEM3110 energy meter - 63 A - 1 pulse O

#### Product data sheet

### Characteristics

**Main**
- **Range**: Acti 9
- **Range of product**: Acti 9 iEM3000
- **Device short name**: IEM3110
- **Product or component type**: Energy meter

**Complementary**
- **Poles description**: 3P, 1P + N, 3P + N
- **Type of measurement**: Active energy
- **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**: 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

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.

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Number of outputs 1 pulse
Mounting mode Clip-on
Mounting support DIN rail
Connections - terminals Screw terminals 16 mm² cable(s)
Overvoltage category III
Standards
- IEC 62053-21
- IEC 61036
- IEC 62053-23
- UL 61010-1
- IEC 61557-12
- IEC 61010
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
- MID conforming to EN 50470-3 (sub-meter)
- MID conforming to EN 62052 (sub-meter)

Environment
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
- -25…60 °C - NMI
- -25…55 °C - MID
Ambient air temperature for storage -40…85 °C
Operating altitude < 2000 m
Colour White
9 mm pitches 10
Width 90 mm
Height 95 mm
Depth 69 mm

Offer Sustainability
Sustainable offer status Green Premium product
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
Warranty 18 months