### Main

- **Range**: Acti 9
- **Range of product**: Acti 9 iEM3000
- **Device short name**: IEM3250
- **Product or component type**: Energy meter

### Complementary

- **Poles description**: 1P + N, 3P, 3P + N
- **Type of measurement**: Voltage, Current, Active power, Active energy
- **Device application**: Sub billing, Partial meter
- **Accuracy class**: Active energy: class 0.5S according to IEC 62053-22, Active energy: class 0.5S according to IEC 61557-12, Active energy: class C according to EN 50470-3
- **Input type**: External CT 1 A or 5 A
- **[In] rated current**: 1 A, 5 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**: 1...32767000 mA
- **Maximum value measured**: 99999999 MWh
- **Communication port protocol**: Modbus RTU 9.6, 19.2 and 38.4 kbauds even/odd or none
- **Communication port support**: Screw terminal block: RS485

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.

Jun 21, 2019
### Local signalling
- **Power ON**: indicator light (green)
- **Accuracy checking**: flashing LED (yellow)
- **Communications are active on the Modbus port (Modbus)**: indicator light (yellow)

### Number of inputs
0

### Number of outputs
0

### Mounting mode
Clip-on

### Mounting support
DIN rail

### Connections - terminals
- **Current circuit**: screw terminals 6 mm²
- **Voltage circuit**: screw terminals 2.5 mm²

### Overvoltage category
III

### Standards
- IEC 61036
- IEC 61557-12
- IEC 62053-22
- IEC 62053-23
- IEC 61010
- UL 61010-1

### Product certifications
- UL
- EAC (sub-meter)
- CE - IEC 61010 (safety)
- CE - IEC 61326-1 (EMC)
- CUlUs - ANSI C12.20 (sub-meter)
- RCM - NMI M 6-1 (sub-meter)
- CE - EN 61557-12 (power monitor)
- CUlUs - UL 61010 (safety)

### Environment
- **IP degree of protection**: IP20 (body) conforming to IEC 60529
  - IP40 (front panel) conforming to IEC 60529
- **Pollution degree**: 2
- **Relative humidity**: 5...95 % at 50 °C
- **Ambient air temperature for operation**
  - -25...60 °C (NMI)
  - -25...60 °C (IEC)
  - -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
- **RoHS (date code: YYWW)**: Compliant
  - [Schneider Electric declaration of conformity](#)
- **REACCh**: Reference not containing SVHC above the threshold
- **Product environmental profile**: Available
  - [Product Environmental Profile](#)
- **Product end of life instructions**: Available
  - [End of Life Information](#)

### Contractual warranty
- **Warranty period**: 18 months