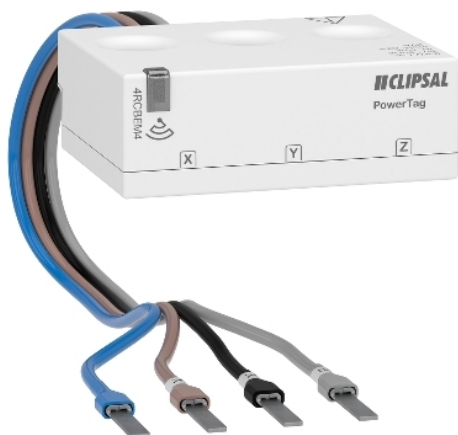


Product data sheet

Characteristics

4RCBEM4

energy sensor, PowerTag Wisener Energy Flex
63A 3P+N top and bottom position



Main

| | |
|------------------------------|--|
| Range of product | PowerLogic |
| Product name | PowerTag Wisener F63 |
| Product or component type | Energy sensor |
| Product brand | Clipsal |
| Poles | 3P + N |
| Maximum current [Imax] | 63 A |
| [Ib] basic current | 10 A |
| Starting current | 40 mA |
| Saturation current | 130 A |
| Product specific application | Load monitoring Circuit monitoring Overload alarm Energy production monitoring (photovoltaic) |
| Concentrator compatibility | Wisener IP module |
| Range compatibility | Resi MAX & MAX4 |
| Type of measurement | Current Voltage Active energy |
| Accuracy class | Class 1 current conforming to IEC 61557-12 Class 0.5 voltage conforming to IEC 61557-12 Class 1 active energy conforming to IEC 61557-12 |
| Mounting location | Top or bottom |
| Mounting support | On circuit breaker |
| Product destination | Switchboard |
| Event management | Voltage loss with measured current at voltage loss |
| Transmission support medium | Radio frequency 2.4...2.4835 GHz conforming to IEEE 802.15.4 |
| Maximum emission power | 10 mW |

Complementary

| | |
|--|--|
| Mounting mode | By screws (terminals) |
| Electrical connection (voltage sensing & power supply) | Wires with cable end |
| Cable cross section | 1 rigid cable 1.5...16 mm ² 2 stranded cable 1.5...2.5 mm ² 2 rigid cable 1.5...2.5 mm ² 1 stranded cable 1.5...16 mm ² |
| Cable length | 0.25 m |
| Supply voltage | 220...240 V AC, +/- 20 %, between phase and neutral 380...415 V AC, +/- 20 %, between phases |
| Network frequency | 50 Hz 60 Hz |
| Maximum power consumption | 2 VA |

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.

| | |
|------------|--|
| Standards | IEC 61557-12 IEC 61010-1 IEC 61010-2-030 IEC 61326-1 ETSI EN 300 328 |
| Height | Sensor element: 19.5 mm |
| Width | Sensor element: 54 mm |
| Depth | Sensor element: 43 mm |
| Net weight | 40 g |
| Colour | White (RAL 9003) |

Environment

| | |
|---------------------------------------|--|
| Quality labels | CE |
| Directives | 2014/53/EU - radio equipment directive |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...85 °C |
| Overvoltage category | III conforming to IEC 61010-1 |
| Measurement category | Category III conforming to IEC 61010-2-030 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| IK degree of protection | IK05 |
| Pollution degree | 3 |
| Relative humidity | 0...95 % at 45 °C conforming to IEC 60721-3-3 |
| Vibration resistance | 3M4 conforming to IEC 60721-3-3 |
| Environmental characteristics | Dustproof class 3S3 conforming to IEC 60721-3-3 Salt mist class 3C2 conforming to IEC 60721-3-3 |

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 |