# Product datasheet

Specifications


## Energy sensor Wiser Energy Flex 63A 1P+N top and bottom position, PowerTag, 63A 1P+N top and bottom position

4RCBEM2

## Main

| | |
|---|---|
| **Range of product** | PowerLogic |
| **product name** | PowerTag Wiser F63 |
| **Product or component type** | Energy sensor |
| **Product brand** | Clipsal |
| **Poles** | 1P + N |
| **Maximum current [Imax]** | 63 A |
| **Product specific application** | Load monitoring<br>Circuit monitoring<br>Overload alarm<br>Energy production monitoring (photovoltaic)<br>Energy management |
| **Concentrator compatibility** | Wiser IP module |
| **Range compatibility** | Resi MAX & MAX4 |
| **Type of measurement** | Current<br>Voltage<br>Active energy |
| **Accuracy class** | Class 1 current conforming to IEC 61557-12<br>Class 0.5 voltage conforming to IEC 61557-12<br>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 |
| **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 mm²<br>2 stranded cable 1.5…2.5 mm²<br>2 rigid cable 1.5…2.5 mm²<br>1 stranded cable 1.5…16 mm² |
| **Cable length** | 0.25 m |
| **supply voltage** | 200...240 V AC, +/- 20 % |
| **Cable composition** | 1 x 0.33 mm² |

| | |
|---|---|
| **Network frequency** | 50 Hz<br>60 Hz |
| **Maximum power consumption** | 1 VA |
| **Standards** | IEC 61557-12<br>IEC 61010-1<br>IEC 61010-2-030<br>IEC 61326-1<br>ETSI EN 300 328<br>ETSI EN 301 487-1 |
| **Height** | Sensor element: 20 mm |
| **Width** | Sensor element: 18 mm |
| **Depth** | Sensor element: 44.5 mm |
| **Product weight** | 16 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 |
| **Electromagnetic compatibility** | Residential electromagnetic environment conforming to IEC 61326-1<br>Radiated EMC conforming to ETSI EN 301 489-17<br>Electromagnetic emission conforming to IEC 62311 |
| **environmental characteristics** | Dustproof class 3S3 conforming to IEC 60721-3-3<br>Salt mist class 3C2 conforming to IEC 60721-3-3<br>Indoor use |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 6.500 cm |
| **Package 1 Width** | 7.500 cm |
| **Package 1 Length** | 8.000 cm |
| **Package 1 Weight** | 46.000 g |
| **Unit Type of Package 2** | S02 |
| **Number of Units in Package 2** | 30 |
| **Package 2 Height** | 15.000 cm |
| **Package 2 Width** | 30.000 cm |

| | |
|---|---|
| **Package 2 Length** | 40.000 cm |
| **Package 2 Weight** | 1.739 kg |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Compliant with Exemptions |
| SCIP Number | C891e87c-3d03-4533-b7c5-bbca52286900 |
| REACh Regulation | REACh Declaration |
| China RoHS Regulation | China RoHS declaration |

## Use Again

### Repack and remanufacture

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|---|---|
| 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 |
| Take-back | No |