

4RCBEM2B

PowerTag, Wiser Energy P 63A 1P+N Bottom
for RCBO



Main

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| Range of product | PowerLogic |
| Product name | PowerTag Wiser P63 |
| Product or component type | Energy sensor |
| Product brand | Clipsal |
| Poles | 1P + 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) Energy management |
| Concentrator compatibility | Wiser 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 | Bottom |
| Mounting support | On circuit breaker |
| Connection pitch | 9 mm Ph/N |
| 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

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| Mounting mode | By screws (terminals) |
| Electrical connection (voltage sensing & power supply) | Connector tooth |
| 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 |
| Supply voltage | 200...240 V AC, +/- 20 % |
| Network frequency | 50 Hz 60 Hz |
| Maximum power consumption | 1 VA |
| Standards | IEC 61557-12 IEC 61010-1 IEC 61010-2-030 IEC 61326-1 ETSI EN 300 328 ETSI EN 301 487-1 |
| Height | Sensor element: 20 mm Base unit: 8 mm |

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| Width | Sensor element: 18 mm Base unit: 18 mm |
| Depth | Sensor element: 44.5 mm Base unit: 28 mm |
| Net weight | 18 g |
| Colour | White (RAL 9003) |

Environment

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| 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 Radiated EMC conforming to ETSI EN 301 489-17 Electromagnetic emission conforming to IEC 62311 |
| Environmental characteristics | Dustproof class 3S3 conforming to IEC 60721-3-3 Salt mist class 3C2 conforming to IEC 60721-3-3 Indoor use |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| 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 |