

## Product data sheet

### Characteristics

# 4RCBEM2B

## energy sensor, PowerTag Wisier Energy phaseNeutral 63A 1P+N bottom position



### Main

Range of product	PowerLogic
Product name	PowerTag Wisier 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	Wisier 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
Maximum emission power	10 mW

### Complementary

Mounting mode	By screws (terminals)
Electrical connection (voltage sensing & power supply)	Connector tooth
Cable cross section	1 rigid cable 1.5...16 mm <sup>2</sup> 2 stranded cable 1.5...2.5 mm <sup>2</sup> 2 rigid cable 1.5...2.5 mm <sup>2</sup> 1 stranded cable 1.5...16 mm <sup>2</sup>
Supply voltage	200...240 V AC, +/- 20 %
Network frequency	50 Hz 60 Hz
Maximum power consumption	1 VA

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Standards	IEC 61557-12 IEC 61010-1 IEC 61010-2-030 IEC 61326-1 ETSI EN 300 328
Height	Sensor element: 20 mm Base unit: 8 mm
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

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 <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins