

## Product data sheet

### Characteristics

# 4CBEM1

energy sensor, PowerTag Wiser Energy  
Monoconnect 63A 1P+Wire top and bottom



### Main

Range of product	PowerLogic
Product name	PowerTag Wiser M63
Product or component type	Energy sensor
Product brand	Clipsal
Poles	1P
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	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)	Connector tooth and wire
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>
Cable length	1 m
Supply voltage	200...240 V AC, +/- 20 %
Cable composition	1 x 0.33 mm <sup>2</sup>
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	16.5 mm
Width	18 mm
Depth	43 mm
Net weight	16.4 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 Indoor use

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	0.04 kg
Package 1 Height	5 cm
Package 1 width	6 cm
Package 1 Length	8.5 cm
Unit Type of Package 2	S02
Number of Units in Package 2	48
Package 2 Weight	2.25 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
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