

# Product datasheet

Specifications



## energy sensor, PowerTag Monoconnect 63A 1P+Wire top and bottom position

Local distributor code:  
404618959

A9MEM1520

EAN Code: 3606480909122

### Main

Range of product	PowerLogic
Product name	PowerTag A9 M63
Product or component type	Energy sensor
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 Overload alarm Cost allocation Circuit monitoring Energy management
Concentrator compatibility	EcoStruxure Panel Server Entry EcoStruxure Panel Server Universal EcoStruxure Panel Server Advanced Wiser hub generation 2 Acti9 Smartlink SI B Acti9 Smartlink SI D Acti9 PowerTag Link Acti9 PowerTag Link HD
Application	Buildings: breaker voltage monitoring Buildings: cost allocation Buildings: overload alarm
Range compatibility	Acti9 Acti9 iKQE RCBO Multi9 Multi9 C60 Multi9 Multi9 ID Multi9 Multi9 C32N Multi9 Multi9 C65 Acti9 Acti9 iID Acti9 Acti9 iID K Acti9 Acti9 iK60 Acti9 Acti9 iKQ Acti9 Acti9 K60 Acti9 Acti9 Reflex iC60 Acti9 Acti9 iC65 Acti9 Acti9 DT60 Acti9 Acti9 iC60 single terminal
Type of measurement	Voltage Power factor Active energy Current Active power
Accuracy class	Class 1 current conforming to IEC 61557-12 Class 0.5 voltage conforming to IEC 61557-12 Class 1 active power conforming to IEC 61557-12 Class 1 active energy conforming to IEC 61557-12 Class 1 power factor 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

Form factor	Monoconnect
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
Standards	IEC 61557-12 IEC 61010-1 IEC 61010-2-030 IEC 61326-1 ETSI EN 300 328 ETSI EN 301 489-1
Product certifications	IEC DNV Marine
Height	16.5 mm
Width	18 mm
Depth	43 mm
Product weight	16.4 g
Colour	White (RAL 9003)
Compatibility code	PowerTag A9 M63

## 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

<b>Pollution degree</b>	3
<b>Relative humidity</b>	0...95 % at 45 °C conforming to IEC 60721-3-3
<b>Vibration resistance</b>	3M4 conforming to IEC 60721-3-3
<b>Electromagnetic compatibility</b>	Industrial electromagnetic environment conforming to IEC 61326-1 Radiated EMC conforming to ETSI EN 301 489-17 Electromagnetic emission conforming to IEC 62311
<b>environmental characteristics</b>	Dustproof class 3S3 conforming to IEC 60721-3-3 Salt mist class 3C2 conforming to IEC 60721-3-3 Indoor use

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.000 cm
<b>Package 1 Width</b>	6.000 cm
<b>Package 1 Length</b>	8.500 cm
<b>Package 1 Weight</b>	43.000 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	48
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	2.426 kg

## Logistical informations

<b>Country of origin</b>	LV
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## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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

Total lifecycle Carbon footprint	14 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	13 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	49e3d962-6d38-466e-8617-c31cb897e71c
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer




### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	25
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Dimensions

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