

# Product data sheet

Specifications



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

A9MEM1520

### Main

<b>Range of product</b>	PowerLogic
<b>Product name</b>	PowerTag A9 M63
<b>Product or component type</b>	Energy sensor
<b>Poles</b>	1P
<b>Maximum current [Imax]</b>	63 A
<b>[Ib] basic current</b>	10 A
<b>Starting current</b>	40 mA
<b>Saturation current</b>	130 A
<b>Product specific application</b>	Load monitoring Overload alarm Cost allocation Circuit monitoring Energy management
<b>Concentrator compatibility</b>	Acti9 Smartlink SI B Acti9 Smartlink SI D Acti9 PowerTag Link C Acti9 PowerTag Link Acti9 PowerTag Link HD Wiser IP module EcoStruxure Panel Server Universal PrismaSet Active
<b>Range compatibility</b>	Acti 9 iKQE RCBO Multi 9 C60 Multi 9 ID Multi 9 C32N Multi 9 C65 Acti9 iID Acti9 iID K Acti9 iK60 Acti 9 iKQ Acti9 K60 Acti 9 Reflex iC60 Acti9 iC65 Acti 9 DT60 Acti 9 iC60 single terminal
<b>Type of measurement</b>	Voltage Power factor Active energy Current Active power
<b>Accuracy class</b>	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
<b>Mounting location</b>	Top or bottom

<b>Mounting support</b>	On circuit breaker
<b>Product destination</b>	Switchboard
<b>Event management</b>	Voltage loss with measured current at voltage loss
<b>Transmission support medium</b>	Radio frequency 2.4...2.4835 GHz conforming to IEEE 802.15.4
<b>Emission power</b>	10 mW

## Complementary

<b>Mounting mode</b>	By screws (terminals)
<b>Electrical connection (voltage sensing &amp; power supply)</b>	Connector tooth and wire
<b>Cable cross section</b>	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>
<b>Cable length</b>	1 m
<b>Supply voltage</b>	200...240 V AC, +/- 20 %
<b>Cable composition</b>	1 x 0.33 mm <sup>2</sup>
<b>Network frequency</b>	50 Hz 60 Hz
<b>Maximum power consumption</b>	1 VA
<b>Standards</b>	IEC 61557-12 IEC 61010-1 IEC 61010-2-030 IEC 61326-1 ETSI EN 300 328
<b>Height</b>	16.5 mm
<b>Width</b>	18 mm
<b>Depth</b>	43 mm
<b>Net weight</b>	16.4 g
<b>Colour</b>	White (RAL 9003)

## Environment

<b>Quality labels</b>	CE
<b>Directives</b>	2014/53/EU - radio equipment directive
<b>Operating altitude</b>	0...2000 m
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C
<b>Overvoltage category</b>	III conforming to IEC 61010-1
<b>Measurement category</b>	Category III conforming to IEC 61010-2-030
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>IK degree of protection</b>	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>	Immunity for industrial environments conforming to IEC 61326-1 Emission standard for industrial environments conforming to IEC 61326-1
<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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	46 g
Package 1 Height	5 cm
Package 1 width	6.2 cm
Package 1 Length	8.5 cm
Unit Type of Package 2	S02
Number of Units in Package 2	48
Package 2 Weight	2.541 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
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> Product out of China RoHS scope. Substance declaration for your information
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