

# Product datasheet

Specifications



## energy sensor, PowerTag PhaseNeutral 63A 1P+N bottom position for RCBO 18mm Slim

Local distributor code: 405638912 A9MEM1563

### Main

Range of product	PowerLogic
Product name	PowerTag A9 P63
Product or component type	Energy sensor
Poles	1P + N
Maximum current [I <sub>max</sub> ]	63 A
[I <sub>b</sub> ] basic current	10 A
Starting current	40 mA
Saturation current	130 A
Product specific application	Load monitoring Cost allocation Overload alarm Circuit monitoring Energy management
Concentrator compatibility	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
Range compatibility	Acti 9 iKQE RCBO Acti9 iC60 iC60H RCBO Acti9 iC60 iC60H2 RCBO
Type of measurement	Active power Power factor Active energy Current Voltage
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	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

<b>Maximum emission power</b>	10 mW
<b>Complementary</b>	
<b>Mounting mode</b>	By screws (terminals)
<b>Electrical connection (voltage sensing &amp; power supply)</b>	Connector tooth
<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>Supply voltage</b>	200...240 V AC, +/- 20 %
<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 ETSI EN 301 487-1
<b>Height</b>	Sensor element: 20 mm Base unit: 8 mm
<b>Width</b>	Sensor element: 18 mm Base unit: 18 mm
<b>Depth</b>	Sensor element: 44.5 mm Base unit: 28 mm
<b>Net weight</b>	18 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>	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

Package 1 Weight	60 g
Package 1 Height	6.5 cm
Package 1 width	7.4 cm
Package 1 Length	8 cm
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Weight	1.974 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>
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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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