

Product datasheet

Specifications



energy sensor, PowerTag Flex 110V 63A 1P+N top and bottom position

A9MEM1564

Main

Range of product	PowerLogic
Product name	PowerTag A9 F63
Product or component type	Energy sensor
Poles	1P + N
Maximum current [Imax]	63 A
[Ib] Basic current	10 A
Starting current	40 mA
Saturation current	130 A
Product specific application	Cost allocation Load monitoring Circuit monitoring Overload alarm Energy management
Concentrator compatibility	EcoStruxure Panel Server Entry EcoStruxure Panel Server Universal EcoStruxure Panel Server Advanced Acti9 PowerTag Link Acti9 PowerTag Link HD
Application	Buildings: breaker voltage monitoring Buildings: cost allocation Buildings: overload alarm
Range compatibility	Acti9 Acti9 iC60 Acti9 Acti9 iDPN Vigi Acti9 Acti9 iID Acti9 Acti9 iT60 Disbo Extra Disbo iC60 Acti9 Acti9 K60 Acti9 Vigi iC60 Acti9 xC60
Type of measurement	Active energy Current Voltage Power factor 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	Flex
Mounting mode	By screws (terminals)
Electrical connection (voltage sensing & power supply)	Wires with cable end
Cable cross section	1 rigid cable 1.5...16 mm ² 2 stranded cable 1.5...2.5 mm ² 2 rigid cable 1.5...2.5 mm ² 1 stranded cable 1.5...16 mm ²
Cable length	0.25 m
supply voltage	100...125 V AC, +/- 20 %
Cable composition	1 x 0.33 mm ²
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	Sensor element: 20 mm
Width	Sensor element: 18 mm
Depth	Sensor element: 44.5 mm
Net weight	16 g
Colour	White (RAL 9003)
Compatibility code	PowerTag A9 P63

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

Electromagnetic compatibility	Industrial electromagnetic environment conforming to IEC 61326-1 Radiated EMC conforming to ETSI EN 301 489-17 Electromagnetic emission conforming to IEC 62311
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 Height	6.500 cm
Package 1 Width	7.500 cm
Package 1 Length	8.000 cm
Package 1 Weight	53.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.870 kg

Contractual warranty

Warranty (in months)	18
-----------------------------	----



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.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	1 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.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	2f1f99b6-3708-4d0a-883a-546966128b39

Use Longer



Lifetime extension

Repair	No
--------	----

Use Again



Repack and remanufacture

End of life manual availability	End of Life Information
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

