

Product datasheet

Specifications



energy sensor, PowerTag Flex 63A 3P+N top and bottom position

A9MEM1570

Price: 3,208.42 ZAR

Main

Range of product	PowerLogic
Product name	PowerTag A9 F63
Product or component type	Energy sensor
Poles	3P + 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 Overload alarm Circuit monitoring Energy management
Concentrator compatibility	EcoStruxure Panel Server Entry EcoStruxure Panel Server Universal EcoStruxure Panel Server Advanced Harmony Hub 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 Vigti DT40 Acti9 Vigti iC40 Acti9 Vigti iDT40 Acti9 Vigti N40 Acti9 Vigti C40 Acti9 Vigti iC60 Acti9 Acti9 iDD40 Acti9 Acti9 iDD40 XA Acti9 Acti9 iCV40 XA Acti9 Vigti iDPN Acti9 Acti9 iCV40 Acti9 Vigti iTG40 Acti9 Vigti iCG40
Type of measurement	Voltage Active energy Active power Current Power factor
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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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	220...240 V AC, +/- 20 %, between phase and neutral 380...415 V AC, +/- 20 %, between phases
Network frequency	50 Hz 60 Hz
Maximum power consumption	2 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: 54 mm
Depth	Sensor element: 46.6 mm
Net weight	40 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	5.000 cm
Package 1 Width	6.000 cm
Package 1 Length	8.500 cm
Package 1 Weight	68.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	48
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.625 kg

Contractual warranty

Warranty (in months)	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 13

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number C92aa3a0-8529-45c1-b172-203c4168b51c

REACH Regulation [REACH Declaration](#)

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

