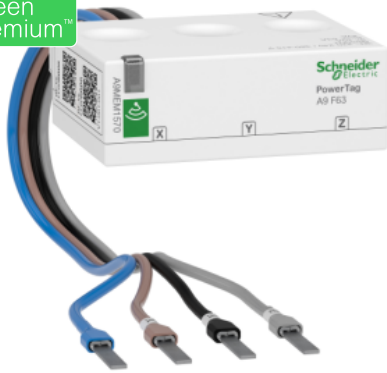


# Product datasheet

Specifications



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

A9MEM1570

### 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	Acti9 Smartlink SI B Acti9 Smartlink SI D Acti9 PowerTag Link C Acti9 PowerTag Link Acti9 PowerTag Link HD Harmony Hub Wiser IP module EcoStruxure Panel Server Universal EcoStruxure Panel Server Advanced PrismaSet Active
Range compatibility	Vigi DT40 Vigi iC40 Vigi iDT40 Vigi N40 Vigi C40 Vigi iC60 Acti 9 iDD40 Acti 9 iDD40 XA Acti 9 iCV40 XA Vigi iDPN Acti 9 iCV40 Vigi iTG40 Vigi 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
Mounting location	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>	Wires with cable end
<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>	0.25 m
<b>Supply voltage</b>	220...240 V AC, +/- 20 %, between phase and neutral 380...415 V AC, +/- 20 %, between phases
<b>Network frequency</b>	50 Hz 60 Hz
<b>Maximum power consumption</b>	2 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
<b>Width</b>	Sensor element: 54 mm
<b>Depth</b>	Sensor element: 46.6 mm
<b>Net weight</b>	40 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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	78.0 g
Package 1 Height	6.5 cm
Package 1 width	7.5 cm
Package 1 Length	8.0 cm
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Weight	2.69 kg
Package 2 Height	15.0 cm
Package 2 width	30.0 cm
Package 2 Length	40.0 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
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
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