

# Product data sheet

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	Acti 9 Vigi DT40 Acti 9 Vigi iC40 Acti 9 Vigi iDT40 Acti 9 Vigi N40 Acti 9 Vigi C40 Acti 9 Vigi iC60 Acti 9 Acti 9 iDD40 Acti 9 Acti 9 iDD40 XA Acti 9 Acti 9 iCV40 XA Acti 9 Vigi iDPN Acti 9 Acti 9 iCV40 Acti 9 Vigi iTG40 Acti 9 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 Height	6.5 cm
Package 1 Width	7.5 cm
Package 1 Length	8.0 cm
Package 1 Weight	78.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.69 kg

## 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
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
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
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Recommended replacement(s)