

# Product data sheet

Specifications



## energy sensor, PowerTag phaseNeutral 63A 1P+N top position

A9MEM1561

### Main

Range Of Product	PowerLogic
Product Name	PowerTag A9 P63
Product Or Component Type	Energy sensor
Poles	1P + N
Maximum Current [Imax]	63 A
Product Specific Application	Overload alarm Cost allocation Load monitoring 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 EcoStruxure Panel Server Advanced PrismaSet Active
Range Compatibility	DuoLine DuoLine ID'clic XP Acti 9 Acti9 DT40 Vigi Acti 9 Acti9 DT40 Acti 9 Acti9 iC40 Multi9 Multi9 N40 Vigi Acti 9 Acti9 iDPN (China version) Domae Domae RCBO Acti 9 Acti9 iCV40 Domae Domae MCB DuoLine DuoLine D'clic Vigi Multi9 Multi9 N40 Acti 9 Acti9 IDc Acti 9 Acti9 C40 Acti 9 Acti9 iDPN Vigi Acti 9 Acti9 ITG40 Acti 9 Acti9 iDPN DuoLine DuoLine D'clic XP Acti 9 Acti9 C40 Vigi Acti 9 Acti9 ID C40
Type Of Measurement	Voltage Active energy Current Active power 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
Mounting Support	On circuit breaker

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
Emission Power	10 mW

## Complementary

Mounting Mode	By screws (terminals)
Electrical Connection (Voltage Sensing & Power Supply)	Connector tooth
Cable Cross Section	1 rigid cable 1.5...16 mm² 2 stranded cable 1.5...2.5 mm² 2 rigid cable 1.5...2.5 mm² 1 stranded cable 1.5...16 mm²
Supply Voltage	200...240 V AC, +/- 20 %
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 301 487-1
Height	Sensor element: 20 mm Base unit: 8 mm
Width	Sensor element: 18 mm Base unit: 18 mm
Depth	Sensor element: 44.5 mm Base unit: 28 mm
Net Weight	18 g
Colour	White (RAL 9003)

## 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
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## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.100 cm
Package 1 Width	6.000 cm
Package 1 Length	8.500 cm
Package 1 Weight	46.000 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	2.536 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
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>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
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="#">www.P65Warnings.ca.gov</a>