A9MEM1572

energy sensor, PowerTag phaseNeutral 63A 3P+N bottom position

Green Premium™

Main

Range of product	PowerLogic
Product name	PowerTag A9 P63
Product or component type	Energy sensor
Poles	3P + N
Maximum current [Imax]	63 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 Wiser IP module EcoStruxure Panel Server Universal EcoStruxure Panel Server Advanced PrismaSet Active
Range compatibility	Acti 9 Acti9 iDPN Acti 9 Acti9 C40 Acti 9 Acti9 iC40 Acti 9 Acti9 DT40 Multi9 Multi9 N40
Type of measurement	Current Power factor Active power Voltage Active energy
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	Bottom
Mounting support	On circuit breaker
Connection pitch	9 Mm Ph/N 18 mm Ph/Ph
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	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 301 487-1
Height	Sensor element: 19.5 mm Base unit: 8 mm
Width	Sensor element: 54 mm Base unit: 54 mm
Depth	Sensor element: 43 mm Base unit: 48 mm
Net weight	48 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

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	76.000 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	3.986 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	🔗REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	🔗China RoHS Declaration
RoHS exemption information	🔗Yes
Environmental Disclosure	🔗Product Environmental Profile
Circularity Profile	🔗End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins