Product data sheet
Characteristics

A9MEM1573
energy sensor PowerTag Flex 63A 3P top and bottom position

Green Premium™

Main

Range of product	PowerLogic
Product name	PowerTag A9 F63
Product or component type	Energy sensor
Poles	3P
Maximum current [Imax]	63 A
Product specific application	Cost allocation Load monitoring Overload alarm Circuit monitoring Energy management
Concentrator compatibility	Acti9 PowerTag Link Acti9 PowerTag Link HD Harmony Hub EcoStruxure Panel Server Universal EcoStruxure Panel Server Advanced PrismaSet Active
Range compatibility	TeSys TeSys D LC1D contactor de In <= 63 A Acti 9 circuit breaker de In <= 63 A TeSys TeSys GV2 circuit breaker de TeSys TeSys GV3 circuit breaker de In <= 63 A Acti 9 Acti9 DT40 Vigi Acti 9 Acti9 iDT40 Acti 9 Acti9 iC40 Acti 9 Acti9 C40 Acti 9 Acti9 iC60 Multi9 Multi9 C60 Acti 9 Acti9 iDPN Vigi Acti 9 Acti9 C120In <= 63 A Acti 9 Acti9 NG125In <= 63 A TeSys TeSys U TeSys TeSys K
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
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

Mounting mode	By screws (terminals)
Electrical connection (voltage sensing & power supply)	Wires with cable end
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
Cable length	0.25 m
Supply voltage	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
Width	Sensor element: 54 mm
Depth	Sensor element: 43 mm
Net weight	38 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	65.000 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	3.845 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