Product data sheet
Characteristics

A9MEM1540
PowerTag Acti9 Monoconnect 3P Top and Bottom position Max 63A Energy Sensor

Main

Range of product	Acti9
Product name	PowerTag A9 M63
Product or component type	Energy sensor
Poles	3P
Maximum current [Imax]	63 A
[Ib] basic current	10 A
Starting current	40 mA
Saturation current	130 A
Product specific application	Circuit monitoring Cost allocation Load monitoring Overload alarm
Concentrator compatibility	Acti9 Smartlink SI B Acti9 Smartlink SI D Acti9 PowerTag Link C Acti9 PowerTag Link Acti9 PowerTag Link HD
Application	Buildings Breaker voltage monitoring Buildings Cost allocation Buildings Overload alarm
Range compatibility	Acti 9 iKQE RCBO Multi 9 C60 Multi 9 ID Multi 9 C32N Multi 9 C65 Acti 9 iID Acti 9 iID K Acti 9 iK60 Acti 9 iKQ Acti 9 K60 Acti 9 Reflex iC60 Acti 9 iC65 Acti 9 DT60 Acti 9 iC60 single terminal
Communication port protocol	Modbus TCP/IP via Smartlink SI D Modbus TCP/IP via Smartlink SI B
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
Mounting mode	Screwed (terminals)
Product destination	Switchboard
Type of measurement	Active power Current Voltage Power factor Active energy
Event management	Voltage loss with measured current at voltage loss

Complementary

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
Rated supply voltage	Between phases 400 V AC +/- 20 %
Network frequency	50/60 Hz
Maximum power consumption	2 VA
IP degree of protection	IP20 conforming to IEC 60529
Height	16.5 mm
Width	53.4 mm
Depth	42.7 mm
Product weight	28 g
Colour	White (RAL 9003)
Compatibility code	PowerTag A9 M63

Environment

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 61010-2-30
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
Environmental characteristics	Dustproof class 3S3 conforming to IEC 60721-3-3 Salt mist class 3C2 conforming to IEC 60721-3-3

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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