# Product data sheet
## Characteristics

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

Green Premium™ Product

## Main

| | |
|---|---|
| Range of product | PowerLogic |
| Product name | PowerTag A9 F63 |
| 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 | Cost allocation<br>Load monitoring<br>Overload alarm<br>Circuit monitoring<br>Energy management |
| Concentrator compatibility | Acti9 PowerTag Link<br>Acti9 PowerTag Link HD<br>Harmony Hub<br>EcoStruxure Panel Server Universal<br>PrismaSet Active |
| Range compatibility | TeSys D LC1D contactor (In <= 63 A)<br>Circuit breaker (In <= 63 A)<br>TeSys GV2 circuit breaker<br>TeSys GV3 circuit breaker (In <= 63 A)<br>Acti 9 DT40 Vigi<br>Acti9 iDT40<br>Acti 9 iC40<br>Acti 9 C40<br>Acti 9 iC60<br>Multi 9 C60<br>Acti 9 iDPN Vigi<br>Acti 9 C120 (In <= 63 A)<br>Acti 9 NG125 (In <= 63 A)<br>TeSys U<br>TeSys K |
| Type of measurement | Voltage<br>Active energy<br>Active power<br>Current<br>Power factor |
| Accuracy class | Class 1 current conforming to IEC 61557-12<br>Class 0.5 voltage conforming to IEC 61557-12<br>Class 1 active power conforming to IEC 61557-12<br>Class 1 active energy conforming to IEC 61557-12<br>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<br>2 stranded cable 1.5…2.5 mm²<br>2 rigid cable 1.5…2.5 mm²<br>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<br>60 Hz |
| Maximum power consumption | 2 VA |
| Standards | IEC 61557-12<br>IEC 61010-1<br>IEC 61010-2-030<br>IEC 61326-1<br>ETSI EN 300 328 |
| Height | Sensor element: 19.5 mm |
| Width | Sensor element: 54 mm |
| Depth | Sensor element: 43 mm |
| Product 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 |
| Environmental characteristics | Dustproof class 3S3 conforming to IEC 60721-3-3<br>Salt mist class 3C2 conforming to IEC 60721-3-3<br>Indoor use |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 79 g |
| Package 1 Height | 6.5 cm |
| Package 1 width | 7.4 cm |
| Package 1 Length | 8 cm |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 30 |
| Package 2 Weight | 2.713 kg |
| Package 2 Height | 15 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |

Life Is On | Schneider Electric

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| REACh Regulation | REACh Declaration |
| REACh free of SVHC | Yes |
| 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 |