

Product datasheet

Specifications



Acti9 PowerTag Link - Wireless to Modbus TCP/IP Concentrator

A9XMWD20

! To be discontinued on: 31 Dec 2023

! To be end-of-service on: 31 Dec 2025

! To be discontinued

EAN Code: 3606489730468

Main

| | |
|---------------------------------|---|
| Range Of Product | Acti9 |
| Product Name | Acti9 PowerTag Link |
| Product Or Component Type | Smart communication module |
| Device Short Name | PowerTag Link |
| Application Type | Basic energy metering E Improved load monitoring E, U, I, P, Pf Load alarming |
| Number Max Of Connected Devices | Up to 20 wireless devices |
| Maximum Supply Current | 2 A |
| [Us] Rated Supply Voltage | 110...230 V AC +/- 15 % |
| Connectivity To Devices | Wireless energy sensor |
| Communication Service | Ethernet Modbus TCP/IP server Web server |
| Web Server | Embedded web page BMS controller compatible |
| Transmission Support Medium | Radio frequency 2.4...2.4835 GHz PowerTag 20 |
| Web Services | Web page |

Complementary

| | |
|--------------------------|--|
| Application Specific I/O | Pulse totalising counter |
| Power Consumption In Va | 5 VA |
| Immunity To Microbreaks | 10 ms |
| Reset | Factory reset on front face |
| Local Signalling | Product status: 1 LED (green, orange and red) Ethernet status (LAN ST): 1 LED (green, orange and red) |
| Mounting Position | Horizontal/vertical on DIN rail |
| Colour | White (RAL 9003) |
| Location Of Connection | Upstream |
| Overvoltage Category | III |
| 9 Mm Pitches | 6 useful |
| Height | 85 mm |
| Width | 54 mm |

| | |
|-------------------------|--|
| Depth | 67.5 mm |
| Net Weight | 133 g |
| Range Compatibility | Acti 9 PowerTag wireless energy sensor |
| Commissioning Interface | Web page ECOREACH |
| Compatibility Code | Acti9 PowerTag Link |

Environment

| | |
|---------------------------------------|--|
| Ip Degree Of Protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution Degree | 2 |
| Tropicalisation | 2 |
| Relative Humidity | 93 % at 40 °C |
| Operating Altitude | 0...2000 m |
| Ambient Air Temperature For Operation | -25...60 °C |
| Ambient Air Temperature For Storage | -40...85 °C |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 6.600 cm |
| Package 1 Width | 8.200 cm |
| Package 1 Length | 11.600 cm |
| Package 1 Weight | 179.000 g |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 36 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 6.950 kg |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability

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

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



Transparency RoHS/REACH

Well-being performance

Mercury Free

RoHS Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu RoHS Directive Compliant with Exemptions

China RoHS Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)