

Product data sheet

Specifications



Acti9 PowerTag Link HD - Wireless to Modbus TCP/IP Concentrator

A9XMWD100

⚠ To be discontinued on: Dec 31, 2024

⚠ To be end-of-service on: Dec 31, 2026

⚠ To be discontinued

Main

Range Of Product	Acti9
Product Name	Acti9 PowerTag Link HD
Product Or Component Type	Smart communication module
Device Short Name	PowerTag Link HD
Application Type	Basic energy metering E Improved load monitoring E, U, I, P, Pf Load alarming
Number Max Of Connected Devices	Up to 100 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 100
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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 HD

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	8.200 cm
Package 1 Width	6.800 cm
Package 1 Length	11.300 cm
Package 1 Weight	187.000 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	6.880 kg

Sustainability

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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
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov