

Product data sheet

Specifications



Acti9 PowerTag Link - Wireless to Modbus TCP/IP Concentrator

A9XMWD20

- ⚠ To be discontinued on: 30 December 2023
- ⚠ To be end-of-service on: 30 December 2025

⚠ To be discontinued

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	6.6 cm
Package 1 Width	8.2 cm
Package 1 Length	11.6 cm
Package 1 Weight	186.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.123 kg
Package 3 Height	75 cm

Offer Sustainability

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

Recommended replacement(s)

A9XMWD20 is replaced by:

1x		EcoStruxure Panel Server - entry wireless, concentrator 110-277 VAC/DC PAS400
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