

Product data sheet

Specifications



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

A9XMWD100

! To be discontinued on: 30 June 2023

! To be end-of-service on: 30 June 2025

! 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
Depth	67.5 mm
Net weight	133 g
Range compatibility	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 Weight	187.0 g
Package 1 Height	8.2 cm
Package 1 width	6.8 cm
Package 1 Length	11.3 cm
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Weight	7.19 kg
Package 2 Height	30.0 cm
Package 2 width	30.0 cm
Package 2 Length	40.0 cm

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

Recommended replacement(s)

A9XMWD100 is replaced by:

1x		EcoStruxure Panel Server - universal wireless, concentrator modbus gateway 110-277 VAC/DC PAS600
----	---	---