

# Product Datasheet

## Characteristic

# A9XMWD20

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



### Main

Range	Acti9
Product name	Acti9 PowerTag Link
product or component type	Smart communication module
Device short name	PowerTag Link
Device application	Basic energy metering E Improved load monitoring E, U, I, P, Pf Load alarming
Connected auxiliaries	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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	X
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP1604024
Circularity Profile	ENVEOLI1604024
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins