

## Product data sheet

### Characteristics

# A9XMTWA20

## Acti 9 Smartlink SI D - Wireless to Modbus TCP/IP Concentrator



### Main

Range of product	Acti 9
Product name	Acti 9 Smartlink
Product or component type	Smart communication module
Device short name	Smartlink SI D
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 +/- 20 %
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	Vertical on DIN rail
Colour	White (RAL 9003)
Location of connection	Upstream
Electrical insulation class	Class III
Overvoltage category	III
9 mm pitches	6 useful
Height	85 mm
Width	54 mm
Depth	67.5 mm
Product weight	133 g
Range compatibility	PowerTag wireless energy sensor
Commissioning interface	Web page ECOREACH
Compatibility code	Acti 9 Smartlink IP

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## 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...55 °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	192 g
Package 1 Height	6.5 cm
Package 1 width	8.5 cm
Package 1 Length	11.1 cm
Unit Type of Package 2	P06
Number of Units in Package 2	288
Package 2 Weight	69.5 kg
Package 2 Height	77 cm
Package 2 width	80 cm
Package 2 Length	60 cm
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Weight	7.355 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins