

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
Net 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

Offer Sustainability

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