

## Product data sheet

### Characteristics

# A9XELC10

## Acti9 PowerTag Link C - cloud connected communication module



### Main

Range of product	Acti9
Product name	Acti9 PowerTag Link
Product or component type	Smart communication module
Device short name	PowerTag Link C
Application type	Basic energy metering Load alarming
Number max of connected devices	Up to 20 wireless devices
[Us] rated supply voltage	110...230 V AC + 15 %
Supply voltage limits	19.2...28.8 V
Connectivity to devices	Wireless energy sensor
Upstream connectivity	Cloud
Communication service	Ethernet
Transmission support medium	Radio frequency 2.4...2.4835 GHz PowerTag 20
User interface	Smartphone app

### Complementary

Protection type	Overvoltage at 1 kV for ETHERNET Overvoltage at 0.5 kV for auxiliary supply
Immunity to microbreaks	10 ms
Reset	Factory reset on front face
Inrush current	3 A
Mounting position	Horizontal/vertical on DIN rail
Colour	White (RAL 9003)
Location of connection	Upstream
Connections - terminals	RJ45 connector qty: 1 for ETHERNET, ordered separately Plug-in connector qty: 1 for supply circuit
Clamping connection capacity	0.2...1.5 mm <sup>2</sup> , rigid for supply circuit 0.2...1.5 mm <sup>2</sup> , flexible for supply circuit 0.2...1.5 mm <sup>2</sup> , flexible with ferrule for supply circuit
Wire stripping length	Supply circuit: 7 mm
Overvoltage category	III
9 mm pitches	6 useful
Height	85 mm
Width	54 mm
Depth	62 mm
Net weight	133 g
Range compatibility	Acti 9 (PowerTag) ComPact (PowerTag)
Commissioning protocol	Bluetooth
Commissioning interface	MySchneider Electrician eSetup
End user smartphone application	EcoStruxure Facility Expert Small Business
Compatibility code	Acti9 PowerTag Link C

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## Environment

IP degree of protection	IP20 IP40 (modular enclosure)
Pollution degree	2
Electromagnetic compatibility	Resistance to electrostatic discharge (air discharge), 8 kV, conforming to IEC 61000-4-2 Resistance to electrostatic discharge (contact discharge), 4 kV, conforming to IEC 61000-4-2 Resistance to radiated electromagnetic fields (80 MHz...3 GHz), 10 V/m, conforming to IEC 61000-4-3 Power supply: resistance to fast transient (5...100 kHz), 2 kV, conforming to IEC 61000-4-4 Communication bus: resistance to fast transient, 1 kV, conforming to IEC 61000-4-4 Conducted EMC (0.15...80 MHz), 10 V, conforming to IEC 61000-4-6 Immunity to magnetic fields at network frequency (continuous), 30 A/m, conforming to IEC 61000-4-8 Immunity to magnetic fields at network frequency (pulsed), 100 A/m, conforming to IEC 61000-4-8 Radiated emission (30...1000 MHz), class A, conforming to IEC 61131-3 Ed.3 Conducted emission (0.15...30 MHz), class A, conforming to IEC 61131-2
Environmental characteristic	Corrosive 3C2 conforming to IEC 60721-3-3 Salt mist 2 conforming to IEC 60068-2-52
Vibration resistance	1 gn, amplitude = 3.5 mm (f = 5...300 Hz)10 cycles conforming to IEC 60068-2-6
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
Fire resistance	Other parts: 650 °C ( 30 s ) conforming to IEC 60695-2 On connection terminals: 960 °C ( 30 s ) conforming to IEC 60695-2
Tropicalisation	2 conforming to IEC 60068-2
Relative humidity	93 % at 40 °C
Operating altitude	0...2000 m operating 0...3000 m storage
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...85 °C
Standards	EN 300-328 EN 301-489-1 EN 301-489-17 EN/IEC 60950-1

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.2 cm
Package 1 Width	8.4 cm
Package 1 Length	11 cm
Package 1 Weight	174 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	6.731 kg
Package 3 Height	30.0 cm

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Not compliant
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

