Product data sheet

Specifications

Acti9 PowerTag Link C - cloud connected communication module

A9XELC10

⊘ **Discontinued on:** Mar 13, 2024

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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 mm², rigid for supply circuit 0.2...1.5 mm², flexible for supply circuit 0.2...1.5 mm², 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

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 (5...100 kHz), 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	6.200 cm

Package 1 Width	8.400 cm
Package 1 Length	11.000 cm
Package 1 Weight	168.000 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	6.480 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

Transparency

Well-being performance

✓ Mercury Free

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information