

Product data sheet

Specifications



Controller, EcoStruxure Security Expert, security purpose controller

SP-C

Main

Function Available	Firmware update
Product Or Component Type	Controller
Device Application	Control Lighting Air-conditioning
Colour	Black
Product Certifications	CE ACMA RCM
Width	90 mm
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
[In] Rated Current	120 mA
Ambient Air Temperature For Storage	-10...85 °C
Ambient Air Temperature For Operation	0...50 °C
Relative Humidity	0...93 % non-condensing
[Us] Rated Supply Voltage	11...14 V DC
Number Of Inputs	18 discrete
Number Of Outputs	2 form C relay output 4 open collector NPN output 2 auxiliary output 1 alarm output
Height	60 mm
Product Weight	330 g
Output Voltage	9 V DC
Output Current	0.7 A auxiliary output 1.1 A alarm (continuous) 1500 mA alarm (inrush) <= 7 A form C relay <= 50 mA open collector output
Number Of Port	2 RS485/Wiegand
Range	EcoStruxure Security Expert

Complementary

Product Brand	Schneider Electric
Discrete Input Type	High security monitored input Reader input

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Number Of Alarms	100 alarm areas
Mounting Support	DIN rail
Load Type	Inductive load for relay output Resistive load for relay output
Local Signalling	1 green LED, power 1 green LED, status 1 red LED, fault 1 green LED, ethernet connection 1 green LED, modem 2 red LED, reader data 1 green LED, buzzer 2 red LED, relay ON 8 green/red LED, input status
Processor Name	CPU RISC 32-bit 2 GB
Maximum Output Current	1.1 A, auxiliary output 1.6 A, alarm output
Encryption Protocol	AES (Advanced Encryption Standard) conforming to NIST
Standards	EN 50131-1:2006 EN 50131-3:2009 EN 50131-6:2008 ICES-003: class A UL 294 UL 1610 CAN/ULC-S304-06 CAN/ULC-S559-04 FCC CFR 47 part 15: class A CAN/ULC-S319-05
Integrated Connection Type	RS485 Modem Ethernet
Communication Port Protocol	UDP/IP 10/100 Mbit/s
Supply	Power supply
Length	156 mm

Environment

Environmental Characteristic	Indoor use
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Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.8 cm
Package 1 Width	11.0 cm
Package 1 Length	18.3 cm
Package 1 Weight	465.0 g

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-CO₂ 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 >](#)



RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins