

Product data sheet

Characteristics

SP-C

Controller, EcoStruxure Security Expert, security purpose controller



Main

| | |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Device application | Control Lighting Air-conditioning |
| Product or component type | Controller |
| Function available | Firmware update |
| Colour | Black |
| Directives | 2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility |
| [In] rated current | 120 mA |
| Width | 90 mm |
| Product certifications | CE[RETURN]ACMA[RETURN]RCM |
| 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 |
| Mounting support | DIN rail |
| Number of alarms | 100 alarm areas |
| 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 |

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| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|------------------------------|------------|

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 |

Offer Sustainability

| | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |