### Main

**Range**
- EcoStruxure Security Expert

**Product brand**
- Schneider Electric

**Product or component type**
- Controller

**Device application**
- Control
- Lighting
- Air-conditioning

### Complementary

**Rated voltage**
- 11…14 V DC

**[Ie] rated operational current**
- 120 mA

**Maximum operational voltage**
- 9 V DC cutout

**Total combined current**
- 3.4 A

**Discrete input type**
- 8 high security monitored input
- 2 reader input for standard input (Wiegand)
- 4 reader input for duplex mode input (Wiegand)
- 4 reader input for RS485 link

**Output type**
- 2 form C relay output, <=250 V
- 4 open collector NPN output, <= 50 mA for multifunction
- 2 auxiliary output, 10.45…13.85 V DC
- 1 alarm output, 10.4…13.4 V DC

**Output current**
- 0.7 A for auxiliary output
- 1.1 A for alarm output (continuous)
- 1500 mA for alarm output (inrush)
- <= 7 A for form C relay output
- <= 50 mA for open collector NPN output

**Load type**
- Inductive load for relay output
- Resistive load for relay output

**Electronic shutdown**
- 1.1 A, auxiliary output
- 1.6 A, alarm output

**Number of alarms**
- 100 alarm areas

**Number of port**
- 2 RS485/Wiegand for reader

**Processor name**
- CPU RISC 32-bit 2 GB

**Function available**
- Firmware update

**Integrated connection type**
- RS485 - 1
- Modem - 1, transmission rate: 2400 bauds
- Ethernet - 1
Communication port protocol
- UDP/IP Ethernet 10/100 Mbit/s
- TCP/IP Ethernet 10/100 Mbit/s
- HTTP Ethernet 10/100 Mbit/s
- ContactID
- SIA Level 2
- ArmorIP

Encryption protocol
- AES (Advanced Encryption Standard) conforming to NIST

Colour
- Black

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

Mounting support
- DIN rail

Height
- 60 mm

Length
- 156 mm

Width
- 90 mm

Net weight
- 330 g

Environment
- Ambient air temperature for operation: 0…50 °C
- Ambient air temperature for storage: -10…85 °C
- Relative humidity: 0…93 % non-condensing
- Environmental characteristic: Indoor use

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

Product certifications
- CE
- ACMA

Quality labels
- RCM

Directives
- 2011/65/EU - RoHS directive
- 2014/35/EU - low voltage directive
- 2014/30/EU - electromagnetic compatibility

Offer Sustainability
- EU RoHS Directive: Compliant
  - EU RoHS Declaration
- Mercury free: Yes
- RoHS exemption information: Yes
- 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