### Product data sheet

**SX-DRD-XB**  
Security Expert smartcard reader,  
13.56MHz/125KHz, wall plate

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### Characteristics

**Main**
- **Range**: EcoStruxure Security Expert
- **Product brand**: Schneider Electric
- **Product or component type**: Access control card reader
- **Technology type**: RFID
- **Colour tint**: Black

**Complementary**
- **[Ue] rated operational voltage**: 9.5...14 V DC
- **[Ie] rated operational current**: 130 mA reading
- **Fixing mode**: By 2 screws
- **Device mounting**: Wall mounted
- **AWG gauge**: 5196 x AWG 22  
  5198 x AWG 22  
  5386 x AWG 18  
  5388 x AWG 18
- **Maximum cable distance between devices**: 150 m
- **Access control system**: RFID authentication card MIFARE conforming to ISO/IEC 14443 A 13.56 MHz (up to 60 mm)  
  RFID authentication card DESFire EV1 conforming to ISO/IEC 14443 A 13.56 MHz (up to 15 mm)  
  RFID authentication card PWM 125 kHz (up to 40 mm)  
  Tag MIFARE conforming to ISO/IEC 14443 A 13.56 MHz (up to 35 mm)  
  Tag DESFire EV1 conforming to ISO/IEC 14443 A 13.56 MHz (up to 6 mm)  
  Tag PWM 125 kHz (up to 25 mm)
- **Communication interface**: Wiegand 26 bits  
  Wiegand 34 bits  
  RS485
- **Local signalling**: 1 LED (blue and green)
- **Control type**: Without
- **Height**: 115 mm
- **Width**: 73 mm
- **Depth**: 18 mm
- **Design**: Wall plate
- **Net weight**: 155.8 g

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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.
## Environment

| Standards | FCC CFR 47 part 15:class A  
|           | ICES-003  
|           | UL 294  
|           | EN 50131-1:2006  
|           | EN 50131-3:2009  
|           | EN 50131-6:2008  
|           | CAN/ULC-S319-05 |

| Product certifications | RCM  
|                        | CE |

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

| Ambient air temperature for operation | -35…65 °C |
| Ambient air temperature for storage  | -10…85 °C |
| IP degree of protection              | IP65 |

## Offer Sustainability

| REACH Regulation | REACH Declaration |
| REACH Declaration | |
| 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 |