

# Datasheet

## → **SIL\_QRBUVOOI**

06/08/2026



### Technical data

SIL housing with illuminated emergency stop

Type	SIL_QRBUVOOI
Series	SIL
Rubric	Equipped insulated plastic enclosure
Approvals	CE, UKCA, cURus



### → General data

Dimensions	72 x 72 x 103 mm
Mounting holes	1
Mounting hole diameter	4.2 mm
Operating temperature	-25 °C ... 60 °C
Lens colour	Red
Enclosure colour	Bottom part black/cover yellow
Contact material	AgNi
Storage temperature	-25 °C ... 85 °C
Standards	IEC/EN 60947-5-1 IEC/EN 60947-5-5 EN ISO 13850
Degree of protection front	IP65

### Approvals

- Contact element: CCC, CSA, cULus, DNVGL, ENEC05, KEMA, CE, TÜV\_Süd, UKCA
- Emergency stop: CCC, cULus, TÜV\_SÜD, CE, UKCA, UR (NDIS2)
- Enclosure: CE, cULus, TÜV\_Süd, UKCA, Type 4x

## → Electrical data

<i>Stripping length</i>	9 mm
<i>Conditional short circuit current</i>	1000 A
<i>Rated operating voltage IEC/EN 60947-5-1</i>	440 V AC 240 V AC 440 V DC 250 V DC 125 V DC 60 V DC 24 V DC
<i>Rated operating current IEC/EN 60947-5-1</i>	1.6 A AC 3 A AC 0.12 A DC 0.2 A DC 0.4 A DC 1 A DC 2 A DC
<i>Rated insulation voltage IEC/EN 60947-5-1</i>	600 V AC 600 V DC
<i>Rated impulse withstand voltage</i>	4 kV
<i>Contact resistance</i>	< 20 Ohm NC new state < 20 Ohm NO new state
<i>Electrical lifetime</i>	50,000 switching cycles at rated voltage
<i>Utilisation category IEC/EN 60947-5-1</i>	AC-15 A600 DC-13 Q600
<i>Contact type</i>	2NC 1NO
<i>Short circuit protection SCPD</i>	16 A char. C
<i>Bouncing time</i>	< 10 ms NC < 20 ms NO
<i>Switching capacity</i>	240 V AC/DC 3 A 24 V DC 2 A
<i>Breaking capacity IEC/EN 60947-5-1</i>	10 Ie AC 1.1 Ie DC

*Thermal continuous current  
IEC/EN 60947-5-1* 16 A AC

*Overvoltage category* III

*Pollution degree* 3

#### Note

- The user must ensure that the contact blocks installed in the enclosure are connected properly so that the requirements for a protective insulated enclosure with regard to air and creepage distances are met when used as intended

### → Mechanical data

*Connection* Screw connection 2 x 2.5 mm<sup>2</sup>

*Connection type* M20 predetermined breaking point  
M20 Cable gland

*Anti-lock collar* Yes

*Tightening torque connection* 0.8 Nm ... 1 Nm

*Tightening torque screws* 1.2 Nm

*Release* Twist to release left/right

*Mechanical lifetime* 50,000 switching cycles 20°C

*Switching function* Latching function

*Switching position indicator* Yes

*Foolproof* Yes

*Positive opening* Acc. to EN60947-5-1, appendix K

### → Safety data

*B10d* 250,000

*Lifetime* 20 % NC

## Technical drawings

→ Dimensional drawing

