

# Datasheet

## → **SIL\_QRBLUVOO**

06/08/2026



### Technical data

SIL housing with illuminated emergency stop

Type	SIL_QRBLUVOO
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
Illumination	Yes
Operating temperature	-25 °C ... 55 °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>	240 V AC 440 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 mΩ NC 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
<i>Short circuit protection SCPD</i>	16 A char. C
<i>Illuminant</i>	LED Ring lighting, connected via MAL
<i>Operating voltage illuminant</i>	12 V ... 30 V AC/DC
<i>Operating current illuminant</i>	15 mA at 24 V

<i>Bouncing time</i>	< 10 ms NC
<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
<i>Thermal continuous current IEC/EN 60947-5-1</i>	16 A AC
<i>Overvoltage category</i>	III
<i>Pollution degree</i>	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

<i>Connection</i>	Screw connection 2 x 2.5 mm <sup>2</sup>
<i>Connection type</i>	M20 predetermined breaking point M20 Cable gland
<i>Anti-lock collar</i>	Yes
<i>Tightening torque connection</i>	0.8 Nm ... 1 Nm
<i>Tightening torque screws</i>	1.2 Nm
<i>Release</i>	Twist to release left/right
<i>Mechanical lifetime</i>	50,000 switching cycles 20°C
<i>Switching function</i>	Latching function
<i>Switching position indicator</i>	Yes
<i>Foolproof</i>	Yes
<i>Positive opening</i>	Acc. to EN60947-5-1, appendix K

→ **Safety data**

*B10d* 250,000

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*Lifetime* 20 % NC

## Technical drawings

→ Dimensional drawing

