

Datasheet

→ **SIL_QRBUVOO_M12**

06/08/2026



Technical data

Emergency stop in SIL housing with M12 connection

Type	SIL_QRBUVOO_M12
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 -25 °C ... 40 °C at 4 A
Lens colour	Red
Enclosure colour	Bottom part black/cover yellow
Contact material	AgNi
Storage temperature	-25 °C ... 85 °C
Standards	EN 60947-5-1 EN 60947-5-5 EN 60068 EN ISO 13850
Degree of protection front	IP65 with connected M12

Approvals

- Contact element: CCC, CSA, cULus, DNVGL, ENEC05, KEMA, CE, TÜV_Süd, UKCA
- Emergency stop: CCC, cULus, TÜV_SÜD, CE, UKCA, UR
- Housing, without M12 connection: CE, cULus, TÜV_Süd, UKCA, Type 4x

→ Electrical data

<i>Conditional short circuit current</i>	1000 A
<i>Rated operating voltage IEC/EN 60947-5-1</i>	240 V AC 250 V DC 125 V DC 60 V DC 24 V DC
<i>Rated operating current IEC/EN 60947-5-1</i>	3 A AC 0.2 A DC 0.4 A DC 1 A DC 2 A DC
<i>Rated insulation voltage IEC/EN 60947-5-1</i>	250 V AC 250 V DC
<i>Rated impulse withstand voltage</i>	2.5 kV
<i>Contact resistance</i>	< 30 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 DC-13
<i>Contact type</i>	2NC
<i>Short circuit protection SCPD</i>	Safety fuse 4 A gG
<i>Bouncing time</i>	< 9 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 I _e AC 1.1 I _e DC
<i>Thermal continuous current IEC/EN 60947-5-1</i>	4 A AC
<i>Overvoltage category</i>	III
<i>Pollution degree</i>	3

Note

- Forced opening path: 3 mm

Pin assignment

Pin	Contact
1	NC (11)
2	NC (12)
3	NC (21)
4	NC (22)

→ Mechanical data

<i>Connection</i>	M12 connector 4-polig A coded
<i>Connection type</i>	M12
<i>Anti-lock collar</i>	Yes
<i>Release</i>	Twist to release left/right
<i>Mechanical lifetime</i>	50,000 switching cycles
<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

<i>B10d</i>	250,000
<i>Lifetime</i>	20 % NC

Technical drawings

→ Dimensional drawing

