Datasheet

→ SIL_QRBUVOOI

05/23/2025

Technical data

Emergency-stop control station, illuminated

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

→ General data

Illumination	No
Can be labeled	No
Operating temperature	-25 °C ... 60 °C
Contact material	AgNi
Storage temperature	-25 °C ... 85 °C
Degree of protection front	IP65

→ General note

Approvals

- Contact element: CCC, CSA, cULus, DNVGL, ENEC05, KEMA, CE, TÜV_Süd, UKCA
- Control element: CCC, cULus, TÜV_SÜD, UKCA, UR (NDIS2)

→ Electrical data

Stripping length	9 mm
Rated operating voltage IEC/EN 60947-5-1	440 V AC 240 V AC 440 V DC 250 V DC 125 V DC 60 V DC 24 V DC
Rated operating current IEC/EN 60947-5-1	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
Rated insulation voltage IEC/EN 60947-5-1	600 V AC 600 V DC
Contact resistance	< 20 Ohm NC < 20 Ohm NO
Electrical lifetime	50,000 switching cycles at rated voltage 1,000,000 switching cycles at nominal load (contactor only)
Contact type	2NC + 1NO
Bouncing time	< 10 ms NC < 20 ms NO
Switching capacity	240 V AC/DC 3 A 24 V DC 2 A
Thermal continuous current IEC/EN 60947-5-1	16 A AC
Overvoltage category	III
Pollution degree	3
Supply operating current	1 mA under laboratory conditions 15 mA 24 V

Electrical 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 clearance and creepage distances are met when used as intended.

Mechanical data

Connection	Screw connection 2 x 2.5 mm²
Anti-lock collar	Yes
Torque connection	0.8 Nm ... 1 Nm
Torque screws	1.2 Nm enclosures 0.8 Nm ... 1 Nm Contact element
Release	Twist to release left/right
Mechanical lifetime	50,000 switching cycles 20°C
Switching position indicator	Yes
Positive opening	Acc. to EN60947-5-1, appendix K

Mechanical note

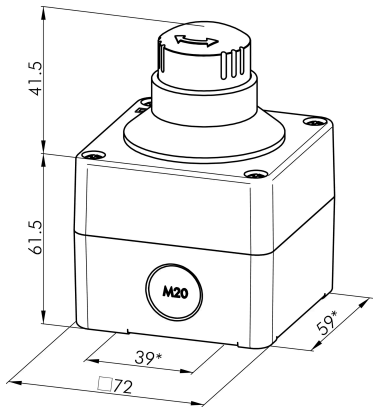
- Housing mounting hole Ø 4.2 mm

Safety data

B10d	250,000
Lifetime	20 % NC

Technical drawings

➔ Dimensional drawing



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