

SIL_QRBUVOO_M12

22.06.2022

Emergency-stop control station with M12 connector - 2NC



General Data

Type reference	SIL_QRBUVOO_M12
Description	Emergency-stop in M12 SIL enclosure
Approvals	CE, cURus, UKCA
Contact type	2 NC
Degree of protection	IP65 (with plugged and screwed M12 connecto)
Connection type	4-pole M12, A coded
Contact material	AgNi
Max. storage temperature	-25°C ... 85°C
Max. operating temperature	-25°C ... 60°C (40°C at 4 A)
Mechanical life	50,000 switching cycles
Electrical life (rated load)	50,000 switching cycles at rated load
Contact resistance NC	< 30 mOhm
Bouncing time NC	< 9ms
Positive opening contact	acc. to EN60947-5-1, appendix K

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category	AC15	DC13
Rated insulation voltage U_i	-	-
Rated operating voltage U_e	240 V	250 V / 125 V / 60 V / 24 V
Rated operating current I_e	3 A	0.2 A / 0.4 A / 1 A / 2 A
Breaking capacity	10 I_e	1,1 I_e
Continuous thermal current	4 A	-

General data

Rated impulse voltage	2.5 kV
Standards	EN 60947-5-1, EN 60947-5-5, EN 60068, EN ISO 13850
B10d [cycles]	250,000



Ld 20% (NC)

Positive opening travel > 3 mm

Note

O = NC contact

Approvals:

Contact block: CCC, CSA, cULus, DNVGL, ENEC05, KEMA, CE, TÜV_Süd, UKCA

Emergency-stop head: CCC, cULus, TÜV_SÜD, CE, UKCA, UR (NDIS2)

Enclosure, without M12 connector: CE, cULus, TÜV_Süd, UKCA, Type 4x

- emergency-stop with 2 positive opening NC contacts mounted into an IP65 SIL22/1 enclosure
- with switching position indicator and yellow anti-lock collar
- bottom part enclosure: black, top part enclosure: yellow
- fixing hole enclosure Ø 4.2 mm
- twist to release left/right

Pin assignment 4-pole M12:

Pin 1 Pin 2 Pin 3 Pin 4

NC (1) NC (1) NC (2) NC (2)

Data acc. to UL

NEMA TYPE

Type 4X indoor use only

Rating

240 V AC / 3 A

24 V AC / 2 A

