

SIL_QRSKUVOOIM12

17.06.2024

Emergency-stop control station with M12 connector - 2NC+1NO



General Data

Type reference:	SIL_QRSKUVOOIM12
Description:	Emergency-stop in M12 SIL enclosure
Approvals:	CE, cURus, UKCA
Contact type:	2 NC + 1 NO
Degree of protection:	IP65 (with plugged and screwed M12 connector)
Connection type:	8-pole M12, A coded
Contact material:	AgNi
Max. storage temperature:	-25°C ... 85°C
Max. operating temperature:	-25°C ... 55°C (40°C at 2A)
Mechanical life:	50,000 switching cycles
Electrical life (rated load):	50,000 switching cycles at rated load
Contact resistance NO:	< 30 mOhm
Contact resistance NC:	< 30 mOhm
Bouncing time NO:	< 10ms
Bouncing time NC:	< 10ms
Positive opening contact:	acc. to EN60947-5-1, appendix K

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

Utilisation category	DC13
Rated operating voltage U _e	24 V
Rated operating current I _e	2 A

General data

Rated impulse voltage:	0,8 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

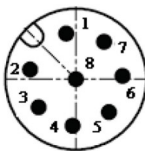
Note

O = NC contact; I = NO contact

Approvals:

Contact block:	CCC, CSA, cULus, DNVGL, ENEC05, KEMA, CE, TÜV_Süd, UKCA
Emergency-stop head:	CCC, cULus, TÜV_SÜD, CE, UKCA, UR
Enclosure, without M12 connector:	CE, cULus, TÜV_Süd, UKCA, Type 4x

- emergency-stop with 2 positive opening NC contacts and 1 NO contact 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 8-pole M12:

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8
NC (1)	NC (1)	NC (2)	NC (2)	NO (1)	NO (1)	n.c.	n.c.

Note:

The operator has to make sure that the contact blocks used in the enclosure are connected correctly in order to comply with the clearance and creepage distance requirements for insulated enclosures on proper use.

The user has to make sure that the emergency-stop with protective shroud is always easily accessible.

Data acc. to UL

NEMA TYPE:	Type 4X indoor use only
Rating:	24 V DC / 1.5 A

Dimensional drawing

