

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 connecto)
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)

	alternate current	direct current
Utilisation category	-	DC13
Rated insulation voltage Ui	-	-
Rated operating voltage Ue	-	24 V
Rated operating current Ie	-	2 A
Breaking capacity	-	-
Continuous thermal current	-	-

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 use 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

