

KRVKOO_C001

02.11.2021

Emergency-stop with 4-pole M12 connector - panel cut-out Ø30.5mm



General Data

Type reference	KRVKOO_C001
Description	Emergency-stop, foolproof with integrated M12 connector
Approvals	CE, cURus, TÜV_Süd, UKCA
Contact type	2 NC
Degree of protection	IP65 (in the front, on the rear with plugged-in M12 connector)
Connection type	4-pole M12 connector (integrated), A coded
Contact material	AgNi
Max. storage temperature	-40°C ... 80°C
Max. operating temperature	-25°C ... 70°C
Mechanical life	50,000 switching cycles
Electrical life (rated load)	50,000 switching cycles at rated load
Contact resistance NC	< 50 mOhm (new state)
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	AC15	DC13
Rated insulation voltage U_i	250 V	250 V
Rated operating voltage U_e	35 V	35 V
Rated operating current I_e	4 A	2 A
Breaking capacity	10I _e	1,1I _e
Continuous thermal current	4 A	4 A

Additional data

Mounting aperture	30.5mm
Tightening torque (mounting nut)	1.2 ... 2.0 Nm (mounting nut: M36.452.4)
Tightening torque (M12-connector)	max. 0.4 Nm
Mounting position	any



Standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850
Panel thickness	max. 4.0 mm
Release	twist release, left or right
Ld	20% (NC)
B10d [cycles]	350,000
Rated impulse voltage	2.5 kV
Material group	I
Overvoltage category	II
Pollution degree	2
Operating force	approx. 15...20 N (at 20 mm/min)

Note

O = NC contact
With switching position indicator

Safety instructions / mounting instructions

- the connector must not be connected or disconnected under load
- the single connector pin may be loaded with max. 4A
- not suitable for use under water
- when used outdoors, the M12 connections must be protected against corrosion separately

Data acc. to UL/IEC 60947-5-5

Ratings	35 V dc/2 A, 35 V ac/3 A Ith 3 A, Ui 250 V
Torque	2,2 +0,3 Nm (head nut)
Enclosure Type	Type 4X (indoor) front face



