

FRVKO

03.04.2025

General Data

Type reference:	FRVKO
Description:	Emergency-stop head, foolproof
Approvals:	CCC, CE, cURus, TÜV_Süd, UKCA
Contact type:	1 NC
Degree of protection:	IP65 / IP67
Connection type:	Faston terminals 2.8 x 0.8 mm
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 B300	DC13 Q300
Rated insulation voltage Ui	250 V	250 V
Rated operating voltage Ue	240 V / 120 V	250 V / 125 V / 60 V / 24 V
Rated operating current Ie	1.5 A / 3 A	0.27 A / 0.55 A / 1 A / 2 A
Breaking capacity	10Ie	1,1Ie
Continuous thermal current	5 A	

Additional data

Mounting aperture:	22.3 mm
Tightening torque (mounting nut):	1.3 ... 1.9 Nm
Release:	twist release, left or right
Mounting position:	any
Standards:	EN 60947-5-1, EN 60947-5-5, EN ISO 13850
Ld:	20% (NC)
B10d [cycles]:	250,000
Pollution degree :	3

Note

O = NC contact

With switching position indicator

Use partially or fully insulated Faston clamps

Conditional short circuit I_q: 1,000 A

Rated impulse withstand voltage U_{imp}: 2.5 kV

Short circuit means (recommendation): SCPD 6A, Char. D

Data acc. to UL

Rating contact block: B300, 24 V dc/3 A

NEMA TYPE: 4x indoor (front face)

Torque: 1.3 ... 1.9 Nm (head nut)