

Datasheet

→ **FRVKO** 

05/31/2025



Technical data

Emergency stop button with 1 NC contact

Type	FRVKO
Series	SHORTRON®
Rubric	Emergency-stop
Approvals	CCC, CE, cURus, TÜV_Süd, UKCA



Illustration similar

→ General data

Design	Round
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 22.3 mm
Mounting depth	18.1 mm
Lens colour	Red
Front bezel colour	Yellow
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Degree of protection front	IP65 IP67

→ Electrical data

<i>Rated operating voltage</i> <i>IEC/EN 60947-5-1</i>	240 V AC
	120 V AC
	250 V DC
	125 V DC
	60 V DC
	24 V DC
<i>Rated operating current</i> <i>IEC/EN 60947-5-1</i>	1.5 A AC
	3 A AC
	0.27 A DC
	0.55 A DC
	1 A DC
	2 A DC
<i>Rated insulation voltage</i> <i>IEC/EN 60947-5-1</i>	250 V AC
	250 V DC
<i>Contact resistance</i>	< 50 mΩ new state
<i>Electrical lifetime</i>	50,000 switching cycles at rated voltage
<i>Contact type</i>	1NC
<i>Bouncing time</i>	< 10 ms NC
<i>Switching capacity</i>	240 V AC/DC
	1.5 A
<i>Thermal continuous current</i> <i>IEC/EN 60947-5-1</i>	5 A AC
<i>Overvoltage category</i>	III
<i>Pollution degree</i>	3

→ Electrical note

- Use partially or fully insulated blade receptacles

→ Mechanical data

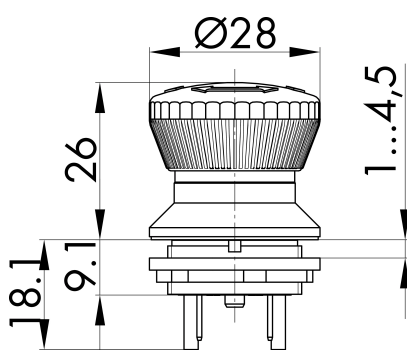
Connection	Faston terminals 2.8 mm x 0.8 mm
Anti-lock collar	No
Tightening torque fixing nut	1.3 Nm ... 1.9 Nm
Mounting position	Any
Release	Twist to release left/right
Mechanical lifetime	50,000 switching cycles
Switching position indicator	Yes
Overlist-proof	Yes
Positive opening	Acc. to EN60947-5-1, appendix K

→ Safety data

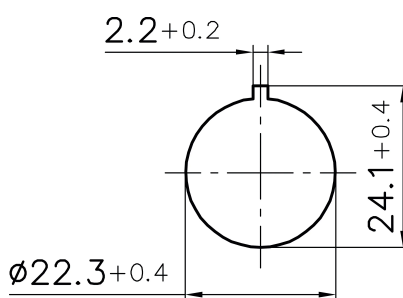
B10d	250,000
Lifetime	20 % NC

Technical drawings

→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram

