

Datasheet

→ FRPVKOOI

07/18/2025



Technical data

Emergency-stop

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



→ General data

Design	Round
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 22.3 mm
Mounting depth	18.5 mm
Lens colour	Red
Enclosure colour	Yellow
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Degree of protection front	IP65 IP67

→ Electrical data

Rated operating voltage IEC/EN 60947-5-1	240 V AC 120 V AC 250 V DC 125 V DC 60 V DC 24 V DC
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<i>Rated operating current 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 IEC/EN 60947-5-1</i>	250 V AC 250 V DC
<i>Contact resistance</i>	< 50 mΩ new state
<i>Electrical lifetime</i>	30,000 switching cycles at rated voltage
<i>Contact type</i>	2NC 1NO
<i>Switching capacity</i>	240 V AC/DC 1.5 A
<i>Overvoltage category</i>	III
<i>Pollution degree</i>	3

→ Mechanical data

<i>Connection</i>	Faston terminals 2.8 mm x 0.8 mm
<i>Anti-lock collar</i>	No
<i>Tightening torque fixing nut</i>	1.3 Nm ... 1.9 Nm
<i>Mounting position</i>	Any
<i>Release</i>	Pull release
<i>Mechanical lifetime</i>	30,000 switching cycles
<i>Switching position indicator</i>	Yes
<i>Foolproof</i>	Yes
<i>Positive opening</i>	Acc. to EN60947-5-1, appendix K emergency-stop

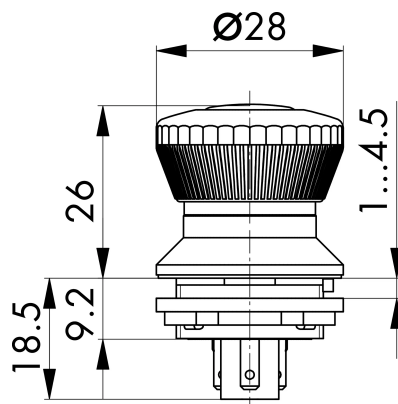
→ Safety data

B10d 250,000

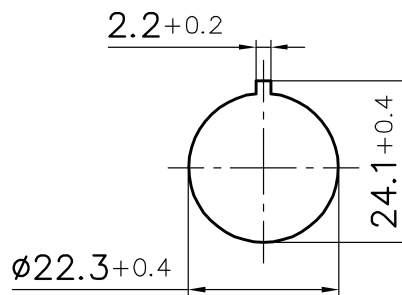
Lifetime 20 % NC

Technical drawings

→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram

