

Datasheet

→ YPVOOH

12/03/2025



Technical data

Emergency stop switch with pull release

Type	YPVOOH
Series	mYnitron®
Rubric	Emergency-stop
Approvals	CE, cURus, UKCA



→ General data

Design	Round
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 16.2 mm
Mounting depth	16.5 mm
Lens colour	Red
Front bezel colour	Yellow
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Standards	IEC/EN 60947-5-1 IEC/EN 60947-5-5 EN ISO 13850
Degree of protection front	IP65 IP67 IP69K
Material group	I

Note

- When soldering the strands to the solder lugs, ensure that the required air and creepage distances between the solder lug and fastening nut are not reduced during the soldering process (caused by e.g. solder splashes, protruding strands).

→ Electrical data

<i>Rated operating voltage</i> IEC/EN 60947-5-1	240 V AC 35 V AC 250 V DC 35 V DC
<i>Rated operating current</i> IEC/EN 60947-5-1	1.5 A AC 5 A AC 0.27 A DC 2 A DC
<i>Rated insulation voltage</i> IEC/EN 60947-5-1	250 V AC 250 V DC
<i>Contact resistance</i>	< 20 mΩ
<i>Electrical lifetime</i>	30,000 switching cycles at rated voltage
<i>Contact type</i>	2NC
<i>Switching capacity</i>	240 V AC/DC 1.5 A 35 V AC/DC 5 A
<i>Thermal continuous current</i> IEC/EN 60947-5-1	5 A AC
<i>Overvoltage category</i>	II
<i>Pollution degree</i>	2

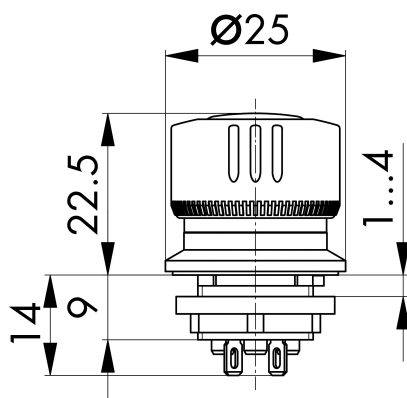
→ Mechanical data

<i>Connection</i>	Soldering pins
<i>Operating force</i>	Abt. 40 N at 20 mm/min
<i>Tightening torque fixing nut</i>	0.8 Nm ... 1.5 Nm
<i>Mounting position</i>	Any

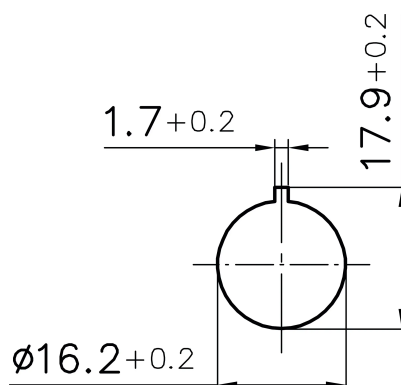
Release	Pull release
Mechanical lifetime	30,000 switching cycles
Switching position indicator	Yes
Positive opening	Acc. to EN60947-5-1, appendix K

Technical drawings

→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram

