

Datasheet

→ YPVOOH_AU

12/03/2025



Technical data

Emergency stop switch with pull release

Type	YPVOOH_AU
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 gold-plated
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

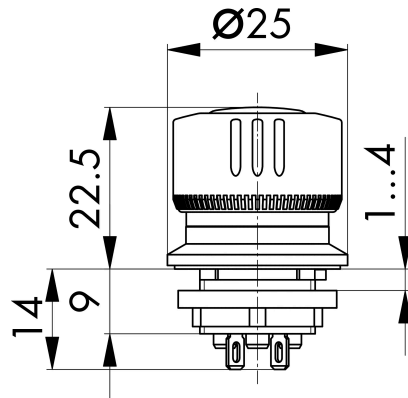
<i>Rated insulation voltage</i> <i>IEC/EN 60947-5-1</i>	250 V AC 250 V DC
<i>Contact resistance</i>	< 50 mΩ
<i>Electrical lifetime</i>	30,000 switching cycles at rated voltage
<i>Contact type</i>	2NC
<i>Overvoltage category</i>	II
<i>Pollution degree</i>	2

→ Mechanical data

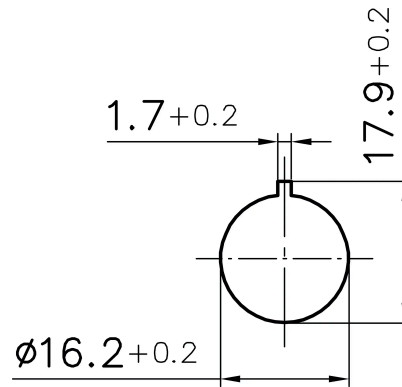
<i>Connection</i>	Soldering pins
<i>Operating force</i>	Abt. 40 N at 20 mm/min
<i>Tightening torque fixing nut</i>	0.8 Nm ... 1.5 Nm
<i>Mounting position</i>	Any
<i>Release</i>	Pull release
<i>Mechanical lifetime</i>	30,000 switching cycles
<i>Switching position indicator</i>	Yes
<i>Positive opening</i>	Acc. to EN60947-5-1, appendix K

Technical drawings

→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram

