

Datasheet

→ SVAZU_C002

12/04/2025



Technical data

Three-position enabling switch with rubber cap

Type	SVAZU_C002
Series	SHORTRON® connect
Rubric	Enabling switch
Approvals	CE, UKCA



→ General data

Design	Round
Operating temperature	-10 °C ... 60 °C with rubber cap
Panel cut-out	Ø 22.3 mm
Mounting depth	37.5 mm
Front bezel colour	Stainless steel
Storage temperature	-40 °C ... 80 °C
Standards	EN 60947-5-1 EN 60947-5-8
Degree of protection front	IP65 with rubber cap
Degree of protection rear	IP65 with connected M12 IP67 with connected M12

Note

- For use in safety-relevant applications, please observe the respective regulations of the countries

→ Electrical data

<i>Rated operating voltage</i> IEC/EN 60947-5-1	35 V AC 30 V DC
<i>Rated operating current</i> IEC/EN 60947-5-1	0.3 A AC 0.7 A DC
<i>Rated insulation voltage</i> IEC/EN 60947-5-1	50 V AC 50 V DC
<i>Electrical lifetime</i>	> 100,000 switching cycles
<i>Utilisation category</i> IEC/EN 60947-5-1	AC15 DC13
<i>Contact type</i>	2 Zustimmfunktion
<i>Short circuit protection SCPD</i>	D0 (safety fuse) 4 A gG
<i>Breaking capacity</i>	10 I _e AC
<i>Thermal continuous current</i> IEC/EN 60947-5-1	3 A AC 3 A DC
<i>Overvoltage category</i>	II
<i>Pollution degree</i>	2

Note

- The NC contacts are not designed for positive opening in accordance with EN 60947-5-1 Annex K
- Alternatively, however, comparably safe techniques can be used in accordance with DGUV GS-ET-22, e.g. control monitoring of both NC contacts (two-channel)

Specifications for AC/DC12

AC12 35V / 0,5 A

DC12 30V / 1,0A

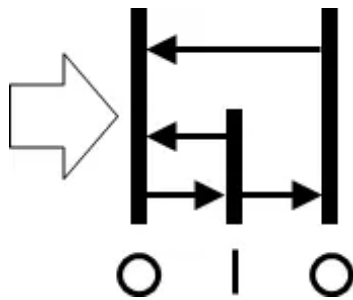
Pin assignment

Pins	Contact
1-2	NO 1
3-4	NO 2

→ Mechanical data

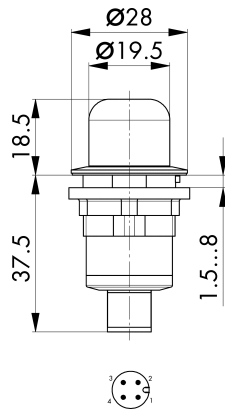
<i>Impact resistance</i>	250 N
<i>connection</i>	M12 connector 4-polig A coded
<i>Operating travel</i>	5 mm
<i>Tightening torque connection</i>	0.4 Nm
<i>Tightening torque fixing nut</i>	1.5 Nm ... 2.5 Nm
<i>Mechanical lifetime</i>	> 1,000,000 switching cycles 1-2-1 > 100,000 switching cycles 1-2-3-1
<i>Switching function</i>	Enabling function

Activation path

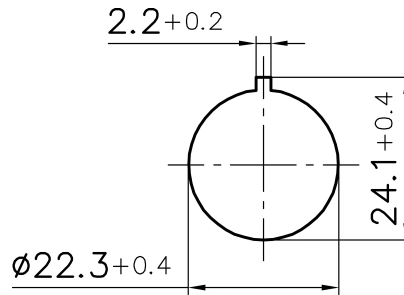


Technical drawings

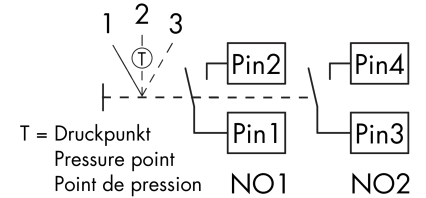
→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram



→ Switching path diagram

