

Datasheet

→ **SWALI_C005** 

06/11/2026



Technical data

Illuminated selector switch, maintained, with 4-pole M12 connector

Type	SWALI_C005
Series	SHORTRON® connect
Rubric	Selector head
Approvals	CE, cURus, ENEC10, VDE, UKCA



→ General data

<i>Design</i>	Round
<i>Illumination</i>	Yes
<i>Operating temperature</i>	-25 °C ... 70 °C
<i>Panel cut-out</i>	Ø 22.3 mm
<i>Mounting plate thickness</i>	1.5 mm ... 8 mm
<i>Mounting depth</i>	34 mm
<i>Front bezel colour</i>	Silver-coloured
<i>Contact material</i>	AgNi
<i>Storage temperature</i>	-40 °C ... 80 °C
<i>Standards</i>	EN 60947-5-1 EN 61058-1
<i>Degree of protection front</i>	IP65
<i>Degree of protection rear</i>	IP65 with connected M12 IP67 with connected M12
<i>Material group</i>	I

→ Electrical data

<i>Rated operating voltage</i> IEC/EN 60947-5-1	35 V AC 35 V DC
<i>Rated operating current</i> IEC/EN 60947-5-1	4 A AC 2 A DC
<i>Rated insulation voltage</i> IEC/EN 60947-5-1	50 V AC/DC
<i>Contact resistance</i>	< 50 mΩ NO new state
<i>Electrical lifetime</i>	30,000 switching cycles at rated voltage
<i>Utilisation category</i> IEC/EN 60947-5-1	AC-15 DC-13

Contact type	1NO
Lamp rating UL 60947-5-1 / C22.2 No. 60947-5-1	30 V / 14 mA AC/DC max.
Illuminant power	max. 14 mA DC 24 V
Illuminant	LED integrated
Operating voltage illuminant	max. 30 V AC/DC
Illuminant colour	White
Bouncing time	< 10 ms NO
Rating UL 60947-5-1 / CSA C22.2 No. 60947-5-1	General Purpose 24 V / 2 A DC
Switching capacity	35 V AC/DC 4 A 35 V DC 2 A
Thermal continuous current IEC/EN 60947-5-1	4 A AC
Overvoltage category	II
Pollution degree	2

Safety instructions / installation instructions

- The plug connector must not be connected or disconnected under load
- The individual plug pin may be loaded with max. 4 A

Pin assignment

Pin	Contact
1	NO
2	NO
3	LED -
4	LED +

→ Mechanical data

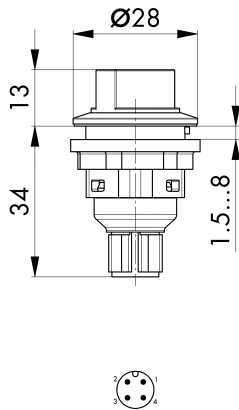
<i>Connection</i>	M12 connector 4-polig A coded
<i>Tightening torque connection</i>	max. 0.4 Nm
<i>Tightening torque fixing nut</i>	1.5 Nm ... 1.9 Nm
<i>Mounting position</i>	Any
<i>Mechanical lifetime</i>	30,000 switching cycles
<i>Switching function</i>	Latching function
<i>Switching position</i>	-45° zero position 45° maintained

Safety instructions / installation instructions

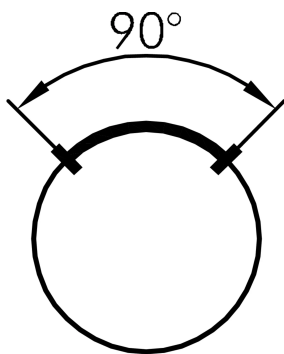
- The M12 connection must not be subjected to mechanical loads, ensure sufficient strain relief!

Technical drawings

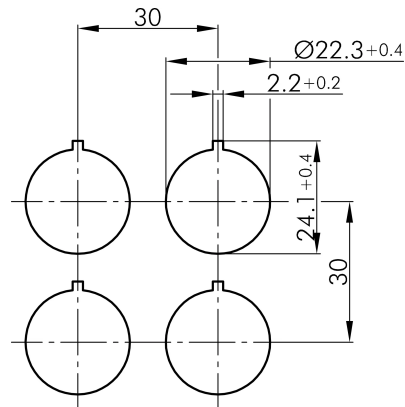
→ Dimensional drawing



→ Position indicator



→ Cutout dimensions



→ Switching path diagram



→ Circuit diagram

