Datasheet

➔ SSWTLRBII

08/04/2025

Technical data

Pushbutton with ring illumination

Type	SSWTLRBII
Series	SHORTRON®
Rubric	Pushbutton
Approvals	CCC, CE, cURus, DNV, ENEC10, VDE, UKCA

➔ General data

Design	Round
Illumination	Yes
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 22.3 mm
Mounting depth	25.1 mm
Lens colour	Black
Front bezel colour	Black
Colour illuminated ring	Blue
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Degree of protection front	IP65 IP67
Material group	I

➔ 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
Rated operating current IEC/EN 60947-5-1	1.5 A AC 3 A AC 0.27 A DC 0.55 A DC 1 A DC 2 A DC
Rated insulation voltage IEC/EN 60947-5-1	250 V AC 250 V DC
Rated voltage IEC/EN 61058-1	250 V AC/DC
Rated current IEC/EN 61058-1	6(4) A
Contact resistance	< 20 mΩ NO
Electrical lifetime	1,000,000 switching cycles
Illuminant colour	White
Utilisation category IEC/EN 60947-5-1	AC15 B300 DC13 Q300
Contact type	2NO
Illuminant power	14 mA DC 24 V
Illuminant	LED integrated
Illuminant connection	X1...anode, X2...cathode
Operating voltage illuminant	max. 30 V AC/DC
Bouncing time	< 10 ms NO
Switching capacity	240 V AC/DC 1.5 A 250 V AC/DC 6 A

Minimum voltage	5 V
Current minimal	1 mA under laboratory conditions
Thermal continuous current IEC/EN 60947-5-1	5 A AC
Overvoltage category	II
Pollution degree	2

DC13: > 100,000 switching cycles

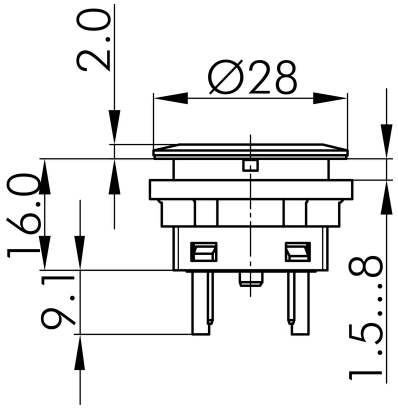
➔ Mechanical data

Connection	Faston terminals 2.8 mm x 0.8 mm
Operating travel	2.3 mm
Tightenting torque fixing nut	1.5 Nm ... 1.9 Nm
Mounting position	Any
Mechanical lifetime	1,000,000 switching cycles
Switching function	Momentary function

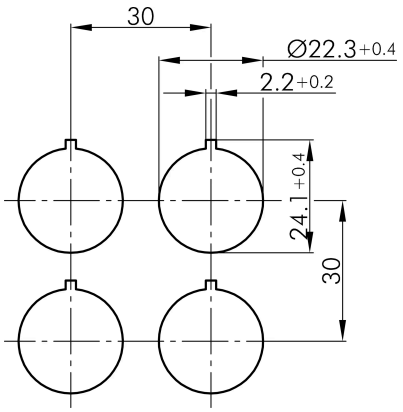
- Designs for blade terminals: use partially or fully insulated blade receptacles

Technical drawings

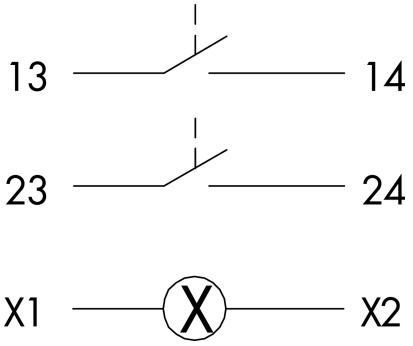
➔ Dimensional drawing



➔ Cutout dimensions



➔ Circuit diagram



➔ Switching path diagram