

Datasheet

→ SCTLRRF1 168

09/30/2025



Technical data

Tactile pushbutton with red ring illumination

Type	SCTLRRF1 168
Series	SHORTRON®
Rubric	Pushbutton
Approvals	CCC, CE, ENEC10, VDE, cURus, UKCA



Illustration similar

→ General data

Design	Round
Illumination	Yes
Labelling option	No
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 22.3 mm
Mounting depth	16 mm
Lens colour	Silver-coloured
Front bezel colour	Silver-coloured
Colour illuminated ring	Red
Storage temperature	-40 °C ... 80 °C
Standards	EN 61058-1
Ring illumination	Yes
Degree of protection front	IP65 IP67

Flat plug connections 2.8 x 0.8 mm are not suitable for manual soldering

→ Electrical data

<i>Contact resistance</i>	< 50 mΩ NO new state < 100 mΩ NC new state
<i>Electrical lifetime</i>	1,000,000 switching cycles at rated voltage
<i>Illuminant colour</i>	White
<i>Contact type</i>	1CO
<i>Illuminant power</i>	14 mA DC 24 V
<i>Illuminant</i>	LED integrated
<i>Illuminant connection</i>	X1...anode, X2...cathode
<i>Operating voltage illuminant</i>	max. 30 V AC/DC
<i>Rated voltage</i>	20 mV ... 48 V AC/DC
<i>Rated current</i>	0,01 mA ... 100 mA
<i>Bouncing time</i>	< 10 ms NC < 10 ms NO
<i>Rating information acc. to UL</i>	20 mV ... 48 V AC/DC 0,01 mA ... 100 mA max. 250 mW
<i>Switching capacity</i>	48 V AC/DC 100 mA AC/DC

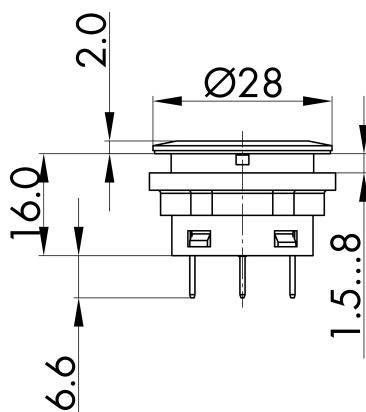
→ Mechanical data

<i>Connection</i>	Faston terminals 2.8 mm x 0.8 mm
<i>Connection type</i>	Faston terminals
<i>Operating travel</i>	2.3 mm
<i>Tightening torque fixing nut</i>	1.5 Nm ... 1.9 Nm
<i>Mounting position</i>	Any

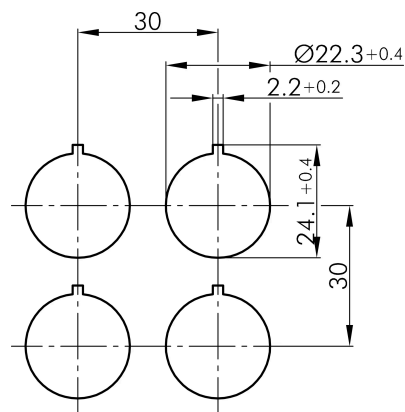
<i>Mechanical lifetime</i>	1,000,000 switching cycles
<i>Switching function</i>	Momentary function
<i>Tactile</i>	Yes

Technical drawings

→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram

