Datasheet

➔ YMTLR_1155

11/11/2025

Technical data

Illuminated pushbutton

Illustration similar

Type	YMTLR_1155
Series	mYnitron®
Rubric	Pushbutton
Approvals	CE, cURus, UKCA

➔ General data

Design	Round
Illumination	Yes
Labelling option	Yes
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 16.2 mm
Mounting depth	18 mm
Lens colour	Red
Front bezel colour	Silver-coloured
Contact material	Stainless steel 1.4310 gold-plated Snap dome CuZn37 gold-plated Counter contact
Storage temperature	-40 °C ... 80 °C
Standards	IEC/EN 60947-5-1
Grid spacing	25 x 25 mm
Degree of protection front	IP65 IP67

Note

- Labeling possible on request

➔ Electrical data

Rated operating voltage IEC/EN 60947-5-1	35 V AC 35 V DC
Rated operating current IEC/EN 60947-5-1	0.1 A AC 0.1 A DC
Rated insulation voltage IEC/EN 60947-5-1	42 V AC 42 V DC
Contact resistance	< 100 mΩ NO new state
Electrical lifetime	500,000 switching cycles at rated voltage
Enclosure type information acc. to UL	Type 1
Utilisation category IEC/EN 60947-5-1	AC12 DC12
Contact type	1NO
Illuminant power	18 mA ... 22 mA
Illuminant	LED integrated
Illuminant connection	+ ...anode, - ...cathode
Operating voltage illuminant	10 V ... 32 V DC
Illuminant colour	White
Bouncing time	< 5 ms NO
Rating	Class 2
Rating	Class 2
Switching capacity	35 V 100 mA AC/DC
Breaking capacity IEC/EN 60947-5-1	1 W AC Ohmsche Last 1 W DC Ohmsche Last

Minimum voltage	20 mV
Current minimal	10 µA
Thermal continuous current *IEC/EN 60947-5-1*	100 mA AC 100 mA DC
Overvoltage category	II
Pollution degree	2

Note

- Use partially insulated blade receptacles (see accessories)

➔ Mechanical data

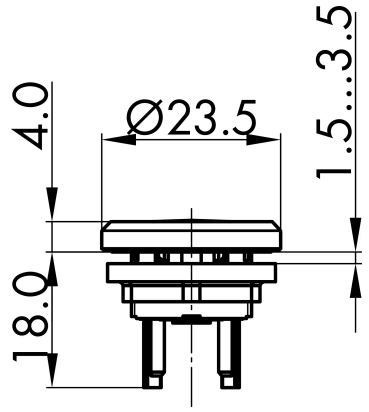
Connection	Faston terminals connector 2,8 mm x 0,5 mm
Operating travel	1 mm
Tightenting torque fixing nut	max. 0.7 Nm
Mounting position	Any
Mechanical lifetime	500,000 switching cycles
Switching function	Momentary function
Tactile	Yes

Note

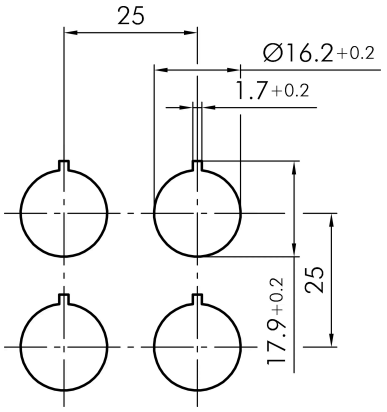
- The blade terminals are not suitable for manual soldering!

Technical drawings

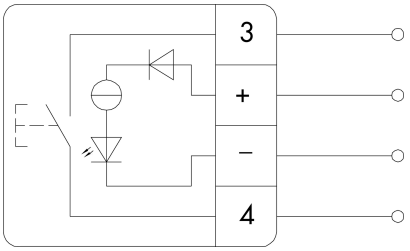
➔ Dimensional drawing



➔ Cutout dimensions



➔ Circuit diagram



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