

Datasheet

→ YKTRP

11/11/2025



Technical data

Pushbutton, non-transparent lens

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



→ General data

Design	Round
Operating temperature	-25 °C ... 70 °C
Broadband noise DIN EN 60068-2-64, FH	5 g bis 10 Hz ... 500 Hz
Panel cut-out	Ø 16.2 mm
Mounting depth	14 mm
Lens colour	Red
Front bezel colour	Black
Weight	4 g
Contact material	Stainless steel 1.4310 0.2 µm Ni + 0.2 µm Au
Storage temperature	-40 °C ... 80 °C
Standards	IEC/EN 60947-5-1
Grid spacing	25 x 25 mm
Salt spray resistance IEC 60068-2-11	Ja

Shock resistance
IEC 60068-2-27

15 g at 11 ms amplitude, half-sinusoidal

Degree of protection front

IP65
IP67
IP69K

Vibration resistance
IEC 60068-2-6

5 g bei 10 bis 500 Hz

→ 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

50 V AC
50 V DC

Contact resistance

< 100 mΩ NO new state

Electrical lifetime

1,000,000 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

Bouncing time

< 1 ms NO

Rating
information acc. to UL

max. 48 V AC/DC
max. 100 mA
max. 1 W
Resistive load

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

→ Mechanical data

Connection PCB-mount terminals

Operating force 4 Nm ... 7 Nm

Operating travel 1.8 mm

Tightening torque fixing nut 0.7 Nm ... 1 Nm

Mounting position Any

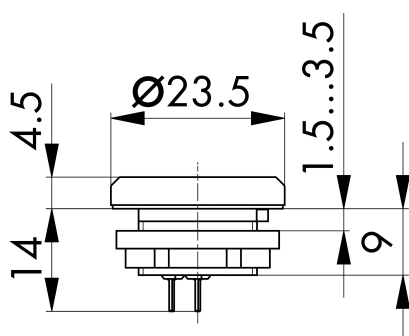
Mechanical lifetime 1,000,000 switching cycles

Note

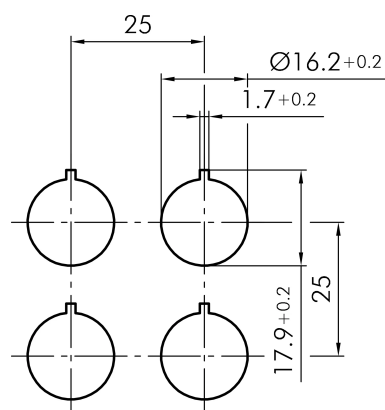
- The flat plug contacts must not be subjected to mechanical stress, ensure sufficient strain relief!

Technical drawings

→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram

