

# Datasheet

## → YKTGP

11/11/2025



### Technical data

Pushbutton, non-transparent lens

|           |                 |
|-----------|-----------------|
| Type      | YKTGP           |
| Series    | mYnitron®       |
| Rubric    | Pushbutton      |
| Approvals | CE, cURus, UKCA |



### → General data

|                                          |                                              |
|------------------------------------------|----------------------------------------------|
| Design                                   | Round                                        |
| Operating temperature                    | -25 °C ... 70 °C                             |
| Broadband noise<br>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                              | Green                                        |
| 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<br>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

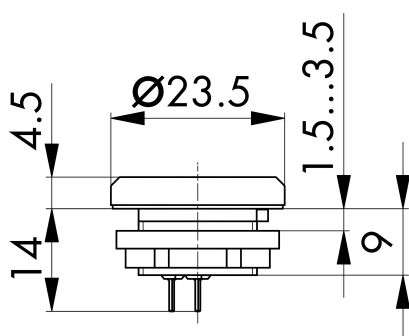
Mechanical lifetime 1,000,000 switching cycles

### Note

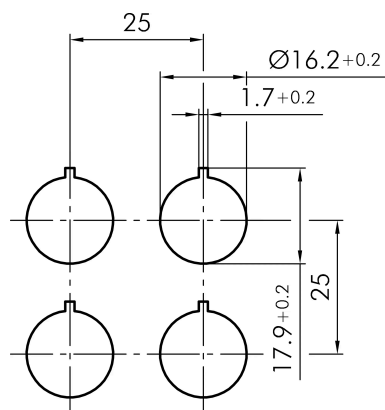
- The flat plug contacts must not be subjected to mechanical stress, ensure sufficient strain relief!

## Technical drawings

### → Dimensional drawing



### → Cutout dimensions



### → Circuit diagram

