

YMTGR

07.07.2021

Pushbutton, non-transparent lens



General Data

| | |
|------------------------------|------------------------------------------------------------------------------------|
| Type reference | YMTGR |
| Description | Short-stroke pushbutton mYnitron |
| Approvals | CE, cURus, UKCA |
| Contact type | 1 NO |
| Degree of protection | IP65 / IP67 |
| Operation travel | 1,0 mm |
| Connection type | Faston terminals 2.8 mm x 0.5 mm |
| Contact material | snap disk: stainless steel 1.4310 gold-plat. counter contact: CuZn37, gold-plat |
| Max. storage temperature | -40°C ... 80°C |
| Max. operating temperature | -25°C ... 70°C |
| Mechanical life | 500,000 switching cycles |
| Electrical life (rated load) | 500,000 switching cycles at rated load |
| Contact resistance NO | < 100 mOhm |
| Min. current | 10 uA |
| Min. voltage | 20 mV |
| Bouncing time NO | < 5ms |

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

| | alternate current | direct current |
|-----------------------------------------|-------------------|------------------|
| Utilisation category | AC12 | DC12 |
| Rated insulation voltage U _i | 42 V | 42 V |
| Rated operating voltage U _e | 35 V | 35 V |
| Rated operating current I _e | 100 mA | 100 mA |
| Breaking capacity | 1 W (ohmic load) | 1 W (ohmic load) |
| Continuous thermal current | 100 mA | 100 mA |

Additional data

| | |
|-------------------|---------|
| Mounting aperture | 16.2 mm |
|-------------------|---------|



| | |
|----------------------------------|------------------|
| Tightening torque (mounting nut) | max. 0.7 Nm |
| Mounting grid | 25 mm x 25 mm |
| Mounting position | any |
| Standards | IEC/EN 60947-5-1 |
| Overvoltage category | II |
| Pollution degree | 2 |

Electrical features

| | |
|--------------|---------|
| B10 [cycles] | 600.000 |
|--------------|---------|

Note

- contact type 1 NO
- perceptible, defined pressure point
- front ring silver-coloured
- incl. red lens
- various labelling options (standard symbols or customised)

- Use partially insulated Faston terminals!
Recommended Schlegel type: "FHTI2,8x0.5_01"
0.5-1.5mm² (AWG 20-16)
-30°C - 75°C
- NO: 3-4
- The Faston terminals are not suitable for hand soldering
- The max. tightening torque mounting nut to be observed (0.7 Nm) !

Test data acc. to UL60947-5-1 / C22.2 No. 60947-5-1

| | |
|-----------------------|----------------------------------------------|
| Ratings | max. 30 V ac or 42.4 V peak, 100 mA, Class 2 |
| Operating temperature | -25°C ... 70°C |
| Enclosure Type | Type 1 |

Remark

- Nur für Class 2 Spannungsversorgung oder begrenzte Spannungs- / Stromwerte
- For Class 2 Power Source or Limited Voltage / Limited Current only
- Pour classe 2 source d'alimentation ou tension limitée / courant limitée uniquement



