

PTSOL_AU

16.12.2021

Contact block, momentary



General Data

| | |
|------------------------------|--|
| Type reference | PTSOL_AU |
| Description | Contact block, gold-plated contacts, for base-plate mounting, positive opening contact |
| Approvals | CCC, CE, cURus, ENEC10, VDE, TÜV_Süd, UKCA |
| Contact type | 1 NC + 1 NO |
| Degree of protection | IP00 |
| Operation travel | 2.3 mm |
| Connection type | PCB-mount terminals |
| Contact material | AgNi, gold-plated |
| Max. storage temperature | -40°C ... 80°C |
| Max. operating temperature | -25°C ... 70°C |
| Mechanical life | 1 million switching cycles |
| Electrical life (rated load) | 1 million switching cycles |
| Contact resistance NO | < 50 mOhm (new state) |
| Contact resistance NC | < 50 mOhm (new state) |
| Bouncing time NO | < 10ms |
| Bouncing time NC | < 10ms |
| Positive opening contact | acc. to EN60947-5-1, appendix K |

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

| | alternate current | direct current |
|-----------------------------|-------------------|----------------|
| Utilisation category | - | - |
| Rated insulation voltage Ui | 250 V | - |
| Rated operating voltage Ue | - | - |
| Rated operating current Ie | - | - |
| Breaking capacity | - | - |
| Continuous thermal current | - | - |

Electrical features - 5µm gold-plating, type addition _AU



| | |
|-----------------------|----------------------|
| Switching voltage | 20 mV ... 42 V AC/DC |
| Switching current | 1 mA ... 250 mA |
| Pollution degree | 2 |
| Overvoltage category | II |
| Rated impulse voltage | 2.5 kV |

Note

O = NC contact; I = NO contact

The contact block is being plugged into the neck of the pushbutton/switch head;
Spacer sleeves ensure the correct distance of the connection between PCB and mounting plate.

The fixing nut must be secured against loosening.

Installation instruction:

The position offset between the operator element and the switching element must be in a $\varnothing 0.2$ mm circle.

Data acc. to UL508

Rating 42 V dc/100 mA

