

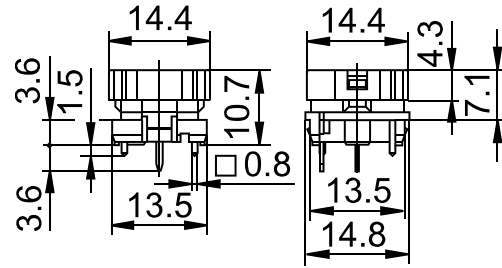
PRODUCT NUMBER 6425.0101



|                                       |                              |
|---------------------------------------|------------------------------|
| <b>Product number</b>                 | <b>6425.0101</b>             |
| Product family                        | Tact and key switches        |
| Actuation type                        | direct                       |
| Pitch                                 | > 16 mm                      |
| Weight                                | 1.000 g                      |
| ROHS conform                          | yes                          |
| Switching function                    | Normally open contact (SPNO) |
| Material fixed contact                | Au                           |
| Number of poles                       | 1 - pole                     |
| connections                           | PCB terminal                 |
| Mechanical life endurance             | 1E6                          |
| Rating IEC                            | 100 mA 28 V                  |
| Contact resistance (new condition)    | < 250 mOhm                   |
| Insulation resistance (new condition) | > 100 MOhm                   |
| Ambient temperature                   | -20 °C ... +70 °C            |
| Storage temperature                   | -55 °C ... +75 °C            |
| Flammability                          | UL 94 HB                     |

|                                    |                                                                                                               |                  |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------|
| Actuators and additional actuators | key shaft: POM, natural                                                                                       |                  |
| Housing description                | base plate: PBTP, black                                                                                       |                  |
| Connection surface                 | bearing connection<br>external connection                                                                     | tinned<br>tinned |
| Contact material                   | Au                                                                                                            |                  |
| Contact distance                   | < 3 mm                                                                                                        |                  |
| Miscellaneous                      | The key base of the standard key can be snapped into a 1.2 mm thick frame with a cut-out of 13.55 x 13.55 mm. |                  |
| Contact type                       | lifting contact                                                                                               |                  |
| Operating force                    | 0.7 N                                                                                                         |                  |
| Bounce time                        | < 5 ms                                                                                                        |                  |
| Total travel / stroke              | 1.4 ± 0.2 mm                                                                                                  |                  |
| Miscellaneous                      | customer LED assembly possible                                                                                |                  |
| Type of fastening                  | Snap fastening                                                                                                |                  |
| Stock version                      | ●                                                                                                             |                  |





Technical changes reserved. Dimensions are not binding.  
Detailed specifications available on request.

---

Marquardt GmbH · Schloss-Straße 16 · 78604 Rietheim-Weilheim · Germany  
Phone: +49 (0) 7424 / 99-0 · Fax: +49 (0) 7424 / 99-2399 · [www.marquardt.com](http://www.marquardt.com) · [marquardt@marquardt.de](mailto:marquardt@marquardt.de)