

# TACT AND KEY SWITCHES

PRODUCT NUMBER 3006.2102



## TECHNICAL DATA

|                                    |   |
|------------------------------------|---|
| <b>Product number</b>              | <b>3006.2102</b>  |
| Business unit                      | Automotive switches   |
| Product Manager                    | -   |
| Product family                     | Tact and key switches   |
| Actuation type                     | direct  |
| Packing unit                       | 1 800   |
| Weight                             | .360 g  |
| ROHS conform                       | yes   |
| Output                             | catalog before 2009 / catalog   |
| Distributor                        | EVG   |
| Switching function                 | Normally open contact (SPNO)  |
| Material fixed contact             | gold-plated   |
| Number of poles                    | 1 - pole  |
| connections                        | SMT   |
| Mechanical life endurance          | 50E4  |
| Rating IEC                         | 50 mA 28 V  |
| Contact resistance (new condition) | < 100 mOhm  |
| Protection type                    | → Connection IP 40<br>→ Actuator IP 40                                |
| Ambient temperature                | → connection side -40 °C ... +95 °C                                   |
| Storage temperature                | -40 °C ... +95 °C   |
| Actuators and additional actuators | standard actuator   |
| Connection surface                 | → bearing connection gold plated<br>→ external connection gold plated |
| Contact material                   | gold plated   |
| Contact distance                   | < 3 mm  |
| Lighting                           | function illumination: LED (Vishay), P 2, red                         |

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Contact type                      | jump contact                       |
| Operating force                   | 4 +1 -0.5 N                        |
| Bounce time                       | < 5 ms                             |
| Free position (FP) max.           | 4.15 mm                            |
| Operating position (OP)           | 3.2 ±0.2 mm                        |
| Permissible total travel position | 2.9 mm                             |
| Total travel / stroke             | 1.0 mm                             |
| Release force                     | ≥ 1.0 N                            |
| Miscellaneous                     | with pressure point                |
| Additional labeling packing       | 4 N, rote LED, P2 4 N, red LED, P2 |

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

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