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### Technical data

### Product image / Drawings

|                                       |   |               |
|---------------------------------------|---|---------------|
| <b>Product number</b>                 | <b>1005.1101</b>  |               |
| Product family                        | Snap-action switches  |               |
| Actuation type                        | indirect  |               |
| Weight                                | 6.575 g   |               |
| ROHS conform                          | yes   |               |
| Switching function                    | Normally closed contact (SPNC)  |               |
| Material fixed contact                | Ag  |               |
| Number of poles                       | 1 - pole  |               |
| connections                           | Quick-connect terminal, 6.3 x 0.8   |               |
| Mechanical life endurance             | 10E6  |               |
| Rating IEC                            | 10 (4) A 400 V AC 1E4<br>6 (2.5) A 400 V AC 5E4   |               |
| Rating North America                  | 10 A 125 - 250 V AC 1/4 HP  |               |
| Design                                | DIN 41635 A   |               |
| Contact resistance (new condition)    | < 100 (1 A 12 V DC) mOhm  |               |
| Insulation resistance (new condition) | > 100 (500 V DC) MOhm   |               |
| Voltage strength at 250 V             | function insulation / basic insulation  | 1<br>500 V    |
|                                       | reinforced insulation   | 3<br>000 V    |
|                                       | small contact distance  | 500 V         |
|                                       |   |               |
| Proof tracking                        | 250 PTI   |               |
| Insulation spacing                    | acc. to EN 61058 for reinforced or double insulation  |               |
| Ambient temperature                   | -40 °C ... +100 °C  |               |
| Storage temperature                   | -40 °C ... +80 °C   |               |
| Flammability                          | UL 94 (housing: V-0, actuator: V-2)   |               |
| Glow wire test temperature            | 850 °C  |               |
| Actuators and additional actuators    | PA, natural, standard actuator  |               |
| Housing description                   | cover: PA Latamid glass fiber-reinforced, natural<br>base plate: PA Latamid glass fiber-reinforced, natural |               |
| Connection surface                    | bearing connection  | silver plated |
|                                       | external connection   | silver plated |
| Contact material                      | Ag  |               |
| Contact distance                      | < 3 mm  |               |
| Rating Code UL                        | R 44  |               |
| Contact type                          | friction jump contact   |               |
| Operating force                       | 1.5 - 2.5 N   |               |
| Bounce time                           | < 10 ms   |               |
| Difference travel max.                | 0.3 mm  |               |
| Pretravel max.                        | 1.6 mm  |               |
| Overtravel                            | 1.0 mm  |               |
| Free position (FP) max.               | 16 mm   |               |
| Operating position (OP)               | 14.8 ±0.4 mm  |               |
| Permissible total travel position     | 13.4 mm   |               |



|                                 |   |
|---------------------------------|---|
| Approval marks                  | CSA / UL / ENEC 05  |
| Additional labeling             | terminal 1: NC terminal 2: NO P-<br>terminal: C / site, year, week of<br>manuf. |
| Additional labeling packing     | 8717 200 038  |
| Contact geometry                | contact with cross rib  |
| Degree of pollution             | 3   |
| Rated impulse withstand voltage | 2500 V  |