

SNAP-ACTION SWITCHES

PRODUCT NUMBER 1005.0101



TECHNICAL DATA

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|---------------------------------------|---|
| Product number | 1005.0101 |
| Business unit | Switches, Sensors & Controls |
| Product Manager | Wolski |
| Product family | Snap-action switches |
| Actuation type | indirect |
| Packing unit | 400 |
| Weight | 10.000 g |
| ROHS conform | yes |
| Output | catalog before 2009 / Web-Shop / catalog |
| Switching function | Changeover switch (SPDT momentary) |
| Material fixed contact | Ag |
| Number of poles | 1 - pole |
| connections | Screw connection, M3 |
| Mechanical life endurance | 10E6 |
| Rating IEC | 10 (4) A 400 V AC 1E4 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 | <ul style="list-style-type: none"> → function insulation / basic insulation 1 500 V → reinforced insulation 3 000 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: Duroplast type 182, red base plate: Duroplast type 182, red |

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|-----------------------------------|--|------------------------|
| Connection surface | → bearing connection → external connection | chromated chromated |
| 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. | 1.8 mm | |
| Overtravel | 0.8 mm | |
| Free position (FP) max. | 16 mm | |
| Operating position (OP) | 14.7 ±0.5 mm | |
| Permissible total travel position | 13.4 mm | |
| Approval marks | CSA / UL / ENEC 05 | |
| Additional labeling | terminal 1: NC terminal 2: NO P-terminal: C | |
| Degree of pollution | 3 | |
| Rated impulse withstand voltage | 2500 V | |
| Type of connection | 2.2 Single pole, single load (single-pole disconnection) | |
| Stock version | ● | |

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

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