

ROCKER SWITCHES

PRODUCT NUMBER 1805.6102



TECHNICAL DATA

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| Product number | 1805.6102 |
| Business unit | Switches, Sensors & Controls |
| Product Manager | - |
| Product family | Rocker switches |
| Actuation type | direct |
| Packing unit | 250 |
| Miscellaneous | installation depth 17.5 |
| Weight | 5.904 g |
| Switch on continuous current (capacitive) | 5 A |
| Inrush current (capacitive) | 50 A |
| ROHS conform | yes |
| Output | catalog before 2009 / catalog |
| Distributor | EVG |
| Switching function | ON / OFF switch (DPST) |
| Material fixed contact | Cu silver-plated |
| Number of poles | 2 - pole |
| connections | Solder terminal |
| Mechanical life endurance | 5E4 |
| Rating IEC | 10 (4) A 250 V AC 1E4 6 (4) A 250 V AC 5E4 |
| Rating North America | 6 A 250 V AC 1/2 HP |
| 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 1 500 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 |

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|---|---|--------------------------------|
| Protection type | → Connection → Actuator | IP 40 IP 40 |
| Ambient temperature | → connection side | -20 °C ... +100 °C |
| Ambient temperature | → Actuation side min. | -20 °C ... +55 °C |
| Storage temperature | -40 °C ... +80 °C | |
| Flammability | UL 94 V-2 | |
| Glow wire test temperature | 850 °C | |
| Actuators and additional actuators | rocker: PC, transparent red, identification white | |
| Housing description | housing: PA, black | |
| Connection surface | → bearing connection → external connection | silver plated silver plated |
| Contact material | Ag | |
| Contact distance | ≥ 3 mm | |
| Lighting | function illumination: glow lamp, 230 V, red | |
| Rating Code UL | R 87 | |
| Contact type | lifting contact | |
| Plug force of the terminals | ≤ 80 N | |
| Approval marks | CSA / ENEC 05 / UL | |
| Suitable for appliances of protection class | II | |
| Miscellaneous | installation depth 17.5 | |
| Type of fastening | Snap fastening | |
| Degree of pollution | 3 | |

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

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