



Marquardt Mechatronik GmbH
Schloss-Str. 16
78604 Rietheim-Weilheim
Germany

Phone: +49 (0) 7424 / 99-0
Fax: +49 (0) 7424 / 99-2399
Net: www.marquardt.de
E-mail: marquardt@marquardt.de

Product image / Drawings




Similar to original product



X = wall thickness

| X | Y | Z |
|---------------|-----------|-----------|
| 0.75 ... 1.25 | 19.2 -0.1 | 12.9 +0.1 |
| 1.25 ... 2 | 19.4 -0.1 | 12.9 +0.1 |
| 2 ... 3 | 19.8 -0.1 | 12.9 +0.1 |

Technical data

| | | |
|---|---|---------------|
| Product number | 1808.1102 | |
| Actuator color / printing |  | |
| Product family | Rocker switches | |
| Actuation type | direct | |
| Weight | 3.880 g | |
| ROHS conform | yes | |
| Switching function | Changeover switch with OFF position in the center (SPDT - Center OFF) | |
| Material fixed contact | Cu silver-plated | |
| Number of poles | 1 - pole | |
| connections | Quick-connect terminal, 4.8 x 0.8 | |
| Mechanical life endurance | 5E4 | |
| Rating IEC | 6 (2) A 250 V AC 1E4 | |
| Rating North America | 6 A 125 - 250 V AC 1/8 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 | |
| Protection type | Connection | IP 40 |
| | Actuator | IP 40 |
| Ambient temperature | -20 °C ... +100 °C | |
| Ambient temperature | -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: PA, black | |
| Housing description | housing: PA, black | |
| Connection surface | bearing connection | silver plated |
| | external connection | silver plated |
| Contact material | Ag | |
| Contact distance | < 3 mm | |
| Rating Code UL | R 58 | |
| Contact type | lifting contact | |
| Plug force of the terminals | ≤ 80 N | |
| Approval marks | CSA / UL / ENEC 05 | |
| Suitable for appliances of protection class | II | |

| | |
|-----------------------------|---|
| Additional labeling | site, year, week of manuf. acc. to DIN EN 60062 |
| Additional labeling packing | 138 100-00 |
| Type of fastening | Snap fastening |
| Degree of pollution | 3 |
| Stock version | ● |