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Product image / Drawings

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 | 1801.6116 | |
| Business unit | Switches & Sensors | |
| Product Manager | Mattes | |
| Product family | Rocker switches | |
| Actuation type | direct | |
| Packing unit | 500 | |
| Weight | 2.970 g | |
| Switch on continuous current (capacitive) | 5 A | |
| Inrush current (capacitive) | 50 A | |
| ROHS conform | yes | |
| Switching function | ON / OFF switch (SPST) | |
| Material fixed contact | Cu silver-plated | |
| Number of poles | 1 - pole | |
| connections | Solder terminal | |
| Mechanical life endurance | 10E4 | |
| Rating IEC | 10 (4) A 250 V AC 1E4 6 (4) A 250 V AC 5E4 | |
| Rating North America | 6 A 125 V AC 1/4 HP 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 | |
| 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, identification white | |
| Housing description | housing: PA, black | |
| Connection surface | bearing connection | silver plated |
| | external connection | silver plated |
| Contact material | Ag | |

Mouser Electronics

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