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## 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

|                                       |   |
|---------------------------------------|---|
| <b>Product number</b>                 | <b>1803.2102</b>  |
| Actuator color / printing             |                              |
| Product family                        | Rocker switches   |
| Actuation type                        | direct  |
| Weight                                | 3.160 g   |
| ROHS conform                          | yes   |
| Switching function                    | Changeover switch (SPDT)  |
| Material fixed contact                | Cu silver-plated  |
| Number of poles                       | 1 - pole  |
| connections                           | PCB terminal  |
| Mechanical life endurance             | 10E4  |
| Rating IEC                            | 10 (4) A 250 V AC 1E4<br>6 (4) A 250 V AC 5E4   |
| Rating North America                  | 6 A 125 V AC 1/4 HP<br>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<br>reinforced insulation 3 000 V<br>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<br>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<br>external connection silver plated   |
| Contact material                      | Ag  |
| Contact distance                      | ≥ 3 mm  |
| Rating Code UL                        | R 30  |
| 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 |
| Type of fastening                           | Snap fastening                                  |
| Degree of pollution                         | 3   |
| Stock version                               | ●   |