

# ROCKER SWITCHES

PRODUCT NUMBER 1801.1908



## TECHNICAL DATA

|                                           |                                                                                                 |                             |
|-------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------|
| Product number                            | 1801.1908                                                                                       |                             |
| Business unit                             | Switches, Sensors & Controls                                                                    |                             |
| Product Manager                           | -                                                                                               |                             |
| Product family                            | Rocker switches                                                                                 |                             |
| Actuation type                            | direct                                                                                          |                             |
| Packing unit                              | 500                                                                                             |                             |
| Weight                                    | 3.000 g                                                                                         |                             |
| Switch on continuous current (capacitive) | 5 A                                                                                             |                             |
| Inrush current (capacitive)               | 70 A                                                                                            |                             |
| ROHS conform                              | yes                                                                                             |                             |
| Output                                    | catalog before 2009 / Web-Shop / catalog                                                        |                             |
| Switching function                        | ON / OFF switch (SPST)                                                                          |                             |
| Material fixed contact                    | Ag                                                                                              |                             |
| Number of poles                           | 1 - pole                                                                                        |                             |
| connections                               | Quick-connect terminal, 4.8 x 0.8                                                               |                             |
| Mechanical life endurance                 | 10E4                                                                                            |                             |
| Rating IEC                                | 16 (16) A 250 V AC<br>8 (8) A 250 V AC 5E4                                                      |                             |
| 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<br>→ reinforced insulation<br>→ small contact distance | 1 500 V<br>3 000 V<br>500 V |
| Proof tracking                            | 250 PTI                                                                                         |                             |
| Insulation spacing                        | acc. to EN 61058 for reinforced or double insulation                                            |                             |
| Protection type                           | → Connection<br>→ Actuator                                                                      | IP 40<br>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: PA, black, identification white                                   |
| Housing description                         | housing: PA, black                                                        |
| Connection surface                          | → bearing connection silver plated<br>→ external connection silver plated |
| Contact material                            | Ag                                                                        |
| Contact distance                            | ≥ 3 mm                                                                    |
| Contact type                                | lifting contact                                                           |
| Plug force of the terminals                 | ≤ 80 N                                                                    |
| Approval marks                              | cULus / ENEC 15                                                           |
| Suitable for appliances of protection class | II                                                                        |
| Additional labeling packing                 | 0041.1877                                                                 |
| Type of fastening                           | Snap fastening                                                            |
| Degree of pollution                         | 3                                                                         |
| Stock version                               | ●                                                                         |

Technical changes reserved. Dimensions are not binding.  
Detailed specifications available on request.

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