

# ROCKER SWITCHES

PRODUCT NUMBER 1834.3402



## TECHNICAL DATA

|                                       |                                                      |         |
|---------------------------------------|------------------------------------------------------|---------|
| Product number                        | 1834.3402                                            |         |
| Business unit                         | Switches, Sensors & Controls                         |         |
| Product Manager                       | Heinichen                                            |         |
| Product family                        | Rocker switches                                      |         |
| Actuation type                        | direct                                               |         |
| Packing unit                          | 100                                                  |         |
| Weight                                | 12.000 g                                             |         |
| ROHS conform                          | yes                                                  |         |
| Output                                | catalog before 2009 / Web-Shop / catalog             |         |
| Distributor                           | EVG / REPRO                                          |         |
| Switching function                    | Changeover switch (DPDT momentary)                   |         |
| Material fixed contact                | Cu silver-plated                                     |         |
| Number of poles                       | 2 - pole                                             |         |
| connections                           | Quick-connect terminal, 6.3 x 0.8                    |         |
| Mechanical life endurance             | 10E4                                                 |         |
| Rating IEC                            | 4 (2) A 250 V AC 1E4                                 |         |
| Rating North America                  | 4 A 250 V AC 1/10 HP<br>6 A 125 V AC 1/10 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 ... +105 °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, with return compression spring                         |
| 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 52                                                                      |
| 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                                                                         |
| Rated impulse withstand voltage             | 2500 V                                                                    |
| Stock version                               | ●                                                                         |

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

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