# **Rotary switch IP40**

# 3.13.007.001/0152





| General information                  |  |
|--------------------------------------|--|
| Color                                | charcoal grey                            |
| Form of collar                       | square                                   |
|                                      |  |
| Dimensions                           |  |
| Length of collar                     | 19 mm                                    |
| Width of collar                      | 19 mm                                    |
| Overall height                       | 24 mm                                    |
| Mechanical design                    |  |
| Mounting                             | soldering                                |
| Terminals                            | tin-plated                               |
| Contact system                       | cross contact self cleaning              |
| Contact function                     | latching                                 |
| Contact materials                    | Au alloy                                 |
| Illuminability                       | no                                       |
|                                      |  |
| Mechanical characteristics           |  |
| Torque against stop min.             | 0.45 Nm                                  |
| Dielectric strength AC min.          | 500 V                                    |
| Rated power max.                     | <u>1 W</u>                               |
| Electrical characteristics           |  |
| Rated voltage max.                   | 35 V                                     |
| Rated current max.                   | 100 mA                                   |
| Contact resistance when new max.     | 100 mΩ                                   |
| Contact resistance acc. to life max. | 200 mΩ                                   |
| Insulation resistance                | 10 <sup>9</sup> Ω                        |
| ESD strength max.                    | 8 kV                                     |
|                                      |  |
| Other specifications                 |  |
| Rotating angle                       | <u>1 x 90°</u>                           |
| Operating life                       | 50,000 cycle                             |
| Degree of protection from front side | IP40 (DIN EN 60529)                      |
| Ambient temp. operating min.         | -25 °C                                   |
| Ambient temp. operating max.         | +70 °C                                   |
| Storage temperature min.             | -40 °C                                   |
| Storage temperature max.             | +80 °C                                   |
| Environmental restistance            | acc. to IEC 60068-2-14, -30, -33 and -78 |
| Flammability of materials            | UL 94 HB                                 |
| ROHS compliant                       | yes                                      |
|                                      |  |

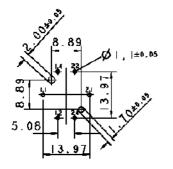
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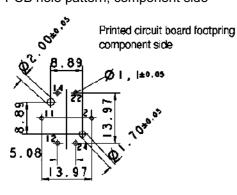
#### **REACH** compliant

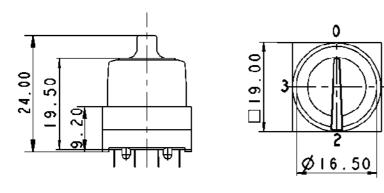
yes

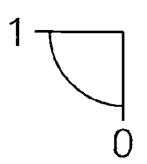
### PCB hole pattern, component side



## PCB hole pattern, component side







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