

ROTARY SWITCHES, IP40

Technical Data

→ General information

Color	see order block
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	see order block
Contact materials	Au alloy
Illuminability	no

→ Mechanical characteristics

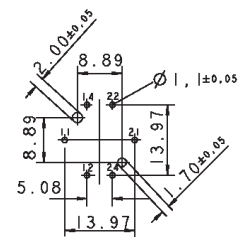
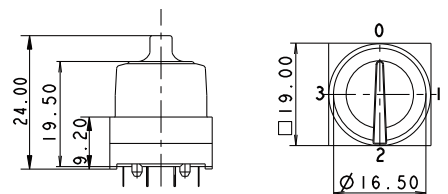
Torque against stop min.	0.45 Nm
Dielectric strength AC min.	see order block
Rated power max.	1 W

→ 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 ⁹ Ω
ESD strength max.	8 kV

→ Other specifications

Rotating angle	see order block
Operating life	50,000
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 resistance	acc. to IEC 60068-2-14, -30, -33 and -78
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes



PCB hole pattern, component side

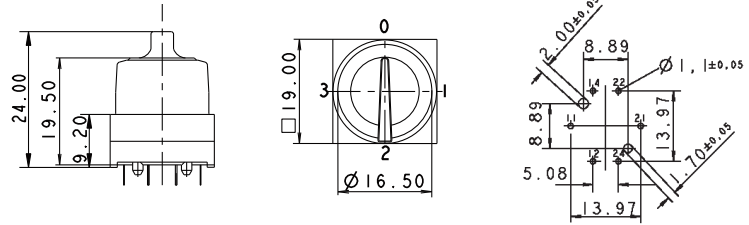
PCB KEY SWITCHES

ROTARY SWITCHES IP40



Rotary switch IP40

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PCB hole pattern, component side

→ Contact function	Color	Rotating angle	Order no.
latching	charcoal grey	1 x 90°	3.13.007.001/0152
latching	charcoal grey	3 x 90°	3.13.007.021/0152
latching	charcoal grey	4 x 90°	3.13.007.031/0152
latching	charcoal grey	2 x 90°	3.13.007.011/0152

Other color variants available on request