1.20.122.061/0000



RAFIX 16, standard switching element, silver, without lamp socket, quick-connect terminal, latching, 1 NC + 1 NO



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Industrial robots

special features

- > Suitable for pushbuttons, mushroom pushbuttons and toggle switches
- > Silver contacts, optimal for switching large currents (max. 250 V / 6 A)
- > Optional with latching function for visible switch function
- > Mounting by snapping onto actuator
- Disassembly by turning and pulling off
- > Flat plug-in connections 2.8 x 0.8 mm (also with PCB plug-in base) or screw connection











description

RAFIX 16 standard switching elements are designed for pushbuttons. The switching elements are available with a momentary contact or latching function, so that latching pushbuttons can also be achieved.

technical data

> general

Color light gray Operating temperature, min. -25 °C Operating temperature, max. 70 °C Storage temperature, min. -40 °C

Storage temperature, max. 85 °C illuminated No Packaging unit 20 pcs. net weight 8.3 g

Operating life 1,000,000 cycles R10 1,300,000 cycles Environment resistance IEC 60068-2-14 IEC 60068-2-30

IEC 60068-2-33 IEC 60068-2-78

50 g at 11 ms amplitude semi-sinusoidal

Shock resistance according to standard IEC 60068-2-27

Vibration resistance according to 10 g at 20 - 500 Hz

standard IEC 60068-2-6

Protection class

MOQ order 20 pcs. direct links

> RAFI eCatalog

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RoHS compliant Yes **REACH** compliant Yes

> mounting diameters

Outside dimension, length 22.2 mm Outside dimension, width 22.2 mm Outside dimension, height 34.4 mm Mounting depth 44.7 mm

> mechanical data

Actuation function latching Operating force, max. 100 N Operating travel, max. 3 mm

1 NC + 1 NO Contact function Contact system Bridge contact

Contact material Silver Fixing Latching Solderability No

Terminal on the rear Flat quick-connect terminal 2.8 x 0.8

Connection marking Normally Closed: 11/12, 21/22

Normally Open: 13/14, 23/24

> electrical data

Rated insulation voltage 250 V Rated surge voltage 2,500 V

Rated operating voltage 250 V (AC-15)

250 V / 125 V / 60 V / 24 V (DC-13)

Rated voltage, min. 10 V Rated voltage, max. 250 V Voltage type AC / DC 240 V / 1,5 A

Rated operating current I, AC15

B300

Rated operating current I, DC13 250 V / 0,275 A

Q300 125 V / 0,4 A 60 V / 1 A

24 V / 2 A

Rated operating voltage 10-250 V Power loss 1.44000 W

Category of use AC-15 / B300 250 V / 1,5 A (CCC)

Categories of use AC-15 / B300

DC-13 / Q300

240 V / 0,27 A (CCC) Category of use DC-13 / Q300

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drawings

System drawing

