1.20.122.023/0000



RAFIX 16, standard switching element, silver, without lamp socket, quick-connect terminal, momentary contact function, 2 NC



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.

50 g at 11 ms amplitude semi-sinusoidal

technical data

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

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

Shock resistance according to standard IEC 60068-2-27

Vibration resistance according to

standard IEC 60068-2-6

Protection class

MOQ order 20 pcs. direct links

> RAFI eCatalog

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights. date: Aug 31, 2024 page: 1/3

10 g at 20 - 500 Hz

1.20.122.023/0000



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 momentary contact function

Operating force, max. 100 N Operating travel, max. 3 mm Contact function 2 NC

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

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

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

1.20.122.023/0000



drawings

System drawing

