# 1.20.122.042/0000



# RAFIX 16, standard switching element, silver, with lamp socket, quick-connect terminal, latching, for W 2 x 4.6d, 2 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

50 g at 11 ms amplitude semi-sinusoidal

Storage temperature, min. -40 °C Storage temperature, max. 85 °C illuminated Yes

Lamp socket W 2 x 4.6d Packaging unit 20 pcs. net weight 10 g

Operating life 1,000,000 cycles B10 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 10 g at 20 - 500 Hz

standard IEC 60068-2-6

Protection class Ш direct links

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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

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MOQ order20 pcs.RoHS compliantYesREACH compliantYes

> 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
Contact function 2 NO

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 Open: 13/14, 23/24

Lamp: X1 (+), X2 (GND)

> 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

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

240 V / 1,5 A

Rated operating voltage 10-250 V Power loss 1.44 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)

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# drawings

### System drawing

