# 1.20.122.052/0000



# RAFIX 16, standard switching element, gold, 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
- Safe switching due to oxidation-free gold contacts (max. 35 V / 0.25 A)
- > Optional mt 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 Yes

Lamp socketW 2 x 4.6dPackaging unit20 pcs.net weight9 g

Operating life 2,000,000 cycles
B10 2,600,000 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 II

direct links

> RAFI eCatalog

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10 g at 20 - 500 Hz

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MOQ order 20 pcs.

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
Contact function 2 NO

Contact system Bridge contact

Contact material Gold
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 voltage, min.

Rated voltage, max.

Voltage type

AC / DC

Rated operating voltage

Rated current, min.

Rated current, max.

Power loss

0.02 V

AC / DC

AC / DC

0.02-35 V

0.001 A

0.25 A

0.00125 W

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# drawings

### System drawing

