1.20.122.071/0000



RAFIX 16, standard switching element, gold, 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
- 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.

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.

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

Shock resistance according to standard IEC 60068-2-27

Vibration-resistance according to

standard IEC 60068-2-6

Protection class II
MOQ order 20 pcs.
RoHS compliant Yes

direct links

> RAFI eCatalog

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IEC 60068-2-78

10 g at 20 - 500 Hz

50 g at 11 ms amplitude semi-sinusoidal

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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 1 NC + 1 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 Closed: 11/12, 21/22

Normally Open: 13/14, 23/24

> electrical data

Rated voltage, min. 0.02 V
Rated voltage, max. 35 V
Rated current, min. 0.001 A
Rated current, max. 0.25 A

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drawings

System drawing

