1.20.122.031/0000



RAFIX 16, standard switching element, gold, without lamp socket, quick-connect terminal, momentary contact function, 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 direct links

Operating temperature, min. -25 °C

Operating temperature, max. 70 °C

Algorithms

RAFI eCatalog

Storage temperature, min.

Storage temperature, max.

85 °C

illuminated

No

Packaging unit

20 pcs.

net weight

10.0 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 60068-2-33 IEC 60068-2-78

Shock resistance according to standard IEC 60068-2-27

50 g at 11 ms amplitude semi-sinusoidal

Vibration-resistance according to

standard IEC 60068-2-6

10 g at 20 - 500 Hz

Protection class II

MOQ order 20 pcs.

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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 momentary contact function

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.

Rated voltage, max.

Voltage type

AC / DC

Rated operating voltage

Rated current, min.

Rated current, max.

Power loss

0.02 V

35 V

0.02-35 V

0.02-35 V

0.001 A

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drawings

System drawing

