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RAFIX 16, universal switching element, gold, without lamp socket, quick-connect terminal, momentary contact function, 1 NO



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Industrial robots

special features

- ➤ Suitable for emergency stop and actuators with 2 switching directions, such as selector switches and key switches
- > Safe switching due to oxidation-free gold contacts (max. 35 V / 0.25 A)
- ➤ NC contacts forcibly separated according to IEC 60947-5-1
- > Two separate switching chambers, so two different potentials can be switched
- > Contact function momentary (switching functions are realized via the actuating element)
- > 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 universal switching elements are designed for emergency stops and actuators with two actuating directions (e.g. selector switches). The universal switching elements always have a momentary contact function - then a switching function is implemented by the actuator alone.

technical data

> general

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	9.1 g
Operating life	2 000 000 016

 Operating life
 2,000,000 cycles

 B10
 2,600,000 cycles

 Environment resistance
 IEC 60068-2-14

 IEC 60068-2-30

direct links

> RAFI eCatalog

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IEC 60068-2-33

Shock resistance according to

IEC 60068-2-78

chock resistance according

standard IEC 60068-2-27

10 g at 20 - 500 Hz

50 g at 11 ms amplitude semi-sinusoidal

Vibration resistance according to standard IEC 60068-2-6

Protection class

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 momentary contact function

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

> 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

0.02-35 V

0.001 A

0.25 A

0.000625 W

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drawings

System drawing

