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RAFIX 16, universal switching element, silver, without lamp socket, quick-connect terminal, momentary contact function, 1 NC



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

Color light gray -25 °C Operating temperature, min. 70 °C Operating temperature, max.

-40 °C Storage temperature, min. 85 °C Storage temperature, max. illuminated No Packaging unit 20 pcs. net weight 7 g

Operating life 1,000,000 cycles 1,300,000 cycles Environment resistance IEC 60068-2-14 IEC 60068-2-30

direct links

> RAFI eCatalog

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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

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 NC

Contact system Bridge contact

Contact material Silver
Fixing Latching
Solderability No

Terminal on the rear Flat quick-connect terminal 2.8 x 0.8

> 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 240 V / 1,5 A

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

Rated operating voltage 10-250 V Power loss 0.72000 W

Category of use AC-15 / B300 250 V / 1,5 A (CCC)

Categories of use AC-15 / B300 DC-13 / Q300

DC-13 / Q30

Category of use DC-13 / Q300 240 V / 0,27 A (CCC)

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drawings

System drawing

