1.20.122.001/0000



RAFIX 16, standard switching element, silver, with lamp socket, quick-connect terminal, momentary contact function, for W 2 x 4.6d, 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
- > Silver contacts, optimal for switching large currents (max. 250 V / 6 A)
- > Optional with 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

>	a	en	er	al

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

-40 °C Storage temperature, min. 85 °C Storage temperature, max. illuminated Yes

W 2 x 4.6d Lamp socket Packaging unit 20 pcs. net weight 10.0 g

Operating life 1,000,000 cycles 1,300,000 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

direct links

> RAFI eCatalog

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10 g at 20 - 500 Hz

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Protection class II

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 + 1 NO
Contact system Bridge contact

Contact material Silver
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 Lamp: X1 (+), X2 (GND)

> electrical data

Rated insulation voltage 250 V
Rated surge voltage 2,500 V
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 60 V / 1 A

Q300 250 V / 0,275 A

24 V / 2 A

Rated operating voltage 10-250 V Power loss 1.44 W

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

Categories of use AC-15 / B300

DC-13 / Q300

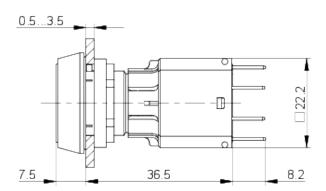
Category of use DC-13 / Q300 240 V / 0,27 A (CCC)

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drawings

System drawing



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