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



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.
net weight 10 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

Shock resistance according to

standard IEC 60068-2-27

Vibration resistance according to 10 g at 20 - 500 Hz

standard IEC 60068-2-6

Protection class II

Minimum order quantity (MOQ) 20 pcs.

RoHS compliant Yes

REACH compliant Yes

country of origin DE

> 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

direct links

> RAFI eCatalog

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IEC 60068-2-78

50 g at 11 ms amplitude semi-sinusoidal

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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

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

Use according to UL:

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

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drawings

System drawing

