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RAFIX 16, standard switching element, silver, with lamp socket, quick-connect terminal, latching, for W 2 x 4.6d, 1 NC + 1 NO



Description

Yes

IEC 60068-2-78

10 g at 20 - 500 Hz

50 g at 11 ms amplitude semi-sinusoidal

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

illuminated

>	genera	ı

Color light gray -25 °C Operating temperature, min. Operating temperature, max. 70 °C -40 °C Storage temperature, min. 85 °C Storage temperature, max.

W 2 x 4.6d Lamp socket Packaging unit 20 pcs. Net weight 9 g

Operating life 1,000,000 cycles B10 1,300,000 cycles IEC 60068-2-14 Environment resistance IEC 60068-2-30 IEC 60068-2-33

Shock resistance according to standard IEC 60068-2-27

Vibration resistance according to

standard IEC 60068-2-6

Protection class

Minimum order quantity (MOQ) 20 pcs. RoHS compliant Yes REACH compliant Yes DE Country of origin

> 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

direct links

> RAFI eCatalog

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights. date: Aug 22, 2025 page: 1/3

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Connection marking Normally Closed: 11/12, 21/22

Normally Open: 13/14, 23/24

Lamp: X1 (+), X2 (GND)

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

Fixing Latching
Actuation function latching
Operating force, max. 100 N
Operating travel, max. 3 mm

Contact function 1 NC + 1 NO
Contact system Bridge contact

Contact material Silver Solderability No

> 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 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 1.44000 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)

> Specifications according to IEC 60947-5-1

Rated operating voltage 250 V (AC-15)

250 V / 125 V / 60 V / 24 V (DC-13)

Rated surge voltage 2,500 V

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

