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RAFIX 16, universal switching element, silver, with coupling monitoring, quick-connect terminal, momentary contact function, 2 NC + 1 NO



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 transparent -25 °C Operating temperature, min. Operating temperature, max. 70 °C -40 °C Storage temperature, min. 85 °C Storage temperature, max. illuminated No

Packaging unit 20 pcs. Net weight 11.8 g

Operating life 1,000,000 cycles 1,300,000 cycles R10 IEC 60068-2-14 Environment resistance IEC 60068-2-30

IEC 60068-2-33 IEC 60068-2-78 50 g at 11 ms amplitude semi-sinusoidal

10 g at 20 - 500 Hz

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 Country of origin DE

> mounting diameters

Outside dimension, length 22.2 mm Outside dimension, width 22.2 mm Outside dimension, height 34.4 mm 44.7 mm Mounting depth

direct links

> RAFI eCatalog

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> mechanical data

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

Fixing Latching

Actuation function momentary contact function

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

Contact function 2 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.