### 1.20.123.121/0000



# RAFIX 16, universal switching element, silver, without lamp socket, screw terminal, momentary contact function, 1 NC + 1 NO



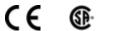
#### fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Industrial robots

#### special features

- > Geeignet für Not-Halt und Betätiger mit 2 Schaltrichtungen, wie Wahlschalter und Schlüsselschalter
- > Sicheres Schalten großer Ströme durch Silberkontakte (max. 250 V / 4 A)
- > Öffner-Kontakte zwangstrennend nach IEC 60948-5-1
- > Zwei getrennte Schaltkammern, so können zwei unterschiedliche Potenziale geschaltet werden
- > Kontaktfunktion tastend (schaltende Funktionen werden über das Betätigungselemente realisiert)
- > Montage durch Aufrasten auf Betätiger
- > Demontage durch Drehen und Abziehen
- > Flachsteck-Anschlüsse 2,8 x 0,8 mm (auch mit Leiterplatten-Stecksockel) oder Schraubanschluss









### 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	l
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Color light gray -25 °C Operating temperature, min. -40 °C Storage temperature, min. 70 °C Operating temperature, max. 85 °C Storage temperature, max. illuminated No Packaging unit 20 pcs.

RAFI GmbH & Co. KG

direct links

> RAFI eCatalog

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net weight 8.6 g

Operating life 1,000,000 Cycles B10 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

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 Ш MOQ order 20 RoHS compliant Yes **REACH** compliant Yes

> mounting diameters

Mounting depth 51.1 mm Outside dimension, length 25 mm Outside dimension, width 22 mm Outside dimension, height 41 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

Terminal on the rear Screw terminal

electrical data

Rated insulation voltage 250 V Rated surge voltage 2.500 V Voltage type AC / DC Rated operating voltage 10-250 V Power loss 2.16 W

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

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

240 V / 0,27 A (CCC)

Category of use DC-13 / Q300 Maximum connection cross 1.5 mm<sup>2</sup>

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Minimum connection cross 0.25 mm<sup>2</sup>

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# drawings

#### System drawing

