### 1.20.122.022/0000



# RAFIX 16, standard switching element, silver, without lamp socket, quick-connect terminal, 2 NO



#### fields of application

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

#### special features

- > Geeignet für Drucktaster, Pilzdrucktaster und Kippschalter
- > Silberkontakte, optimal für das Schalten großer Ströme (max. 250 V / 6 A)
- > Optional mt Rastfunktion für sichtbare Schalterfunktion
- > 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 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

> ge	eneral
------	--------

direct links illuminated No Color > RAFI eCatalog light gray

Operating temperature, min. -25 °C Operating temperature, max. 70 °C -40 °C Storage temperature, min. Storage temperature, max. 85 °C Protection class

Vibration-resistance according to

standard IEC 60068-2-6

Shock resistance according to

standard IEC 60068-2-27

50 g at 11 ms amplitude semi-sinusoidal

20 pcs. Packaging unit net weight 8.5 g standard delivery time 3 weeks

Environment resistance IEC 60068-2-14

IEC 60068-2-30

10 g at 20 - 500 Hz

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: Nov 17, 2020 page: 1/3

RAFI GmbH & Co. KG

## 1.20.122.022/0000



IEC 60068-2-33 IEC 60068-2-78

Operating life 1,000,000 Cycles

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

#### > mounting diameters

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

#### > mechanical data

Actuation function momentary contact function

Operating force, max. 100 N Operating travel, max. 3 mm Contact function 2 NO

Contact system Bridge contact

Contact material Silver Fixing Latching

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

Anschluss Kennzeichnung Normally Open: 13/14, 23/24

Lötbarkeit No

#### > electrical data

Rated insulation voltage 250 V Rated surge voltage 2,500 V Gebrauchskategorien AC-15 / B300 DC-13 / Q300

Gebrauchskategorie AC-15 / B300 250 V / 1,5 A (CCC) Gebrauchskategorie DC-13 / Q300 240 V / 0,27 A (CCC)

## 1.20.122.022/0000



## drawings

#### System drawing

