## 1.20.123.011/0000



# RAFIX 16, universal switching element, gold, with lamp socket, quick-connect terminal, momentary contact function, for W 2 x 4.6d, 1 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 light gray
Operating temperature, min. -25 °C
Operating temperature, max. 70 °C

Storage temperature, min. -40 °C
Storage temperature, max. 85 °C
illuminated Yes

Lamp socketW 2 x 4.6dPackaging unit20 pcs.Net weight9.5 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

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

direct links

> RAFI eCatalog

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IEC 60068-2-78

10 g at 20 - 500 Hz

50 g at 11 ms amplitude semi-sinusoidal

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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 1 NC + 1 NO
Contact system Bridge contact

Contact material Gold Solderability No

> electrical data

Rated voltage, min.

Rated voltage, max.

Voltage type

AC / DC

Rated operating voltage

Rated current, min.

Rated current, max.

Power loss

0.02 V

35 V

0.02-35 V

0.02-35 V

0.001 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

