

# RAFIX 16, standard switching element, gold, with lamp socket, quick-connect terminal, momentary contact function, for W 2 x 4.6d, 1 NC + 1 NO



## fields of application

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

## special features

- Suitable for pushbuttons, mushroom pushbuttons and toggle switches
- Safe switching due to oxidation-free gold contacts (max. 35 V / 0.25 A)
- Optional mt latching function for visible switch function
- Mounting by snapping onto actuator
- Disassembly by turning and pulling off
- Flat plug-in connections 2.8 x 0.8 mm (also with PCB plug-in base) or screw connection



## 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

### ➤ 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 socket	W 2 x 4.6d
Packaging unit	20 pcs.
net weight	10 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 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

### direct links

- [RAFI eCatalog](#)

Protection class	II
MOQ order	20 pcs.
RoHS compliant	Yes
REACH compliant	Yes
<b>&gt; mounting diameters</b>	
Outside dimension, length	22.2 mm
Outside dimension, width	22.2 mm
Outside dimension, height	34.4 mm
Mounting depth	44.7 mm
<b>&gt; mechanical data</b>	
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
Fixing	Latching
Solderability	No
Terminal on the rear	Flat quick-connect terminal 2.8 x 0.8
Connection marking	Normally Closed: 11/12, 21/22 Normally Open: 13/14, 23/24 Lamp: X1 (+), X2 (GND)
<b>&gt; electrical data</b>	
Rated voltage, min.	0.02 V
Rated voltage, max.	35 V
Voltage type	AC / DC
Rated operating voltage	0.02-35 V
Rated current, min.	0.001 A
Rated current, max.	0.25 A
Power loss	0.00125 W

**drawings**

---

**System drawing**

