

## RAFIX 16, standard switching element, silver, with lamp socket, quick-connect terminal, latching, for W 2 x 4.6d, 2 NO



### 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	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	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](#)

Connection marking	Normally Open: 13/14, 23/24 Lamp: X1 (+), X2 (GND)
Terminal on the rear	Flat quick-connect terminal 2.8 x 0.8
Fixing	Latching
Actuation function	latching
Operating force, max.	100 N
Operating travel, max.	3 mm
Contact function	2 NO
Contact system	Bridge contact
Contact material	Silver
Solderability	No
<b>&gt; electrical data</b>	
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 B300	240 V / 1,5 A
Rated operating current I, DC13 Q300	250 V / 0,275 A 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)
<b>&gt; Specifications according to IEC 60947-5-1</b>	
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.

**drawings**

**System drawing**

