

# RAFIX 16, standard switching element, silver, with lamp socket, quick-connect terminal, momentary contact function, 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.

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#### technical data

>	general		
	Color	light gray	direct links
	Operating temperature, min.	-25 °C	> RAFI eCatalog
	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	9 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		

> mechanical data

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	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		
	Solderability	No		
	Terminal on the rear	Flat quick-connect terminal 2.8 x 0.8		
	Connection marking	Normally Open: 13/14, 23/24		
	<u> </u>	Lamp: X1 (+), X2 (GND)		
>	electrical data			
	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	240 V / 1,5 A		
	B300			
	Rated operating current I, DC13	250 V / 0,275 A		
	Q300	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)		
>	Specifications according to IEC 6094	7-5-1		
	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 LU:				

## Use according to UL:

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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



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