

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	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	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	

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	Protection class	II
	MOQ order	20 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	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	
	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)
>	electrical data	
	Rated voltage, min.	0.02 V

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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

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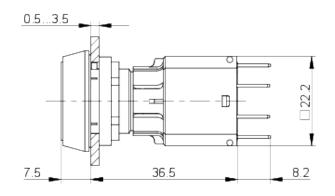
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drawings

System drawing



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