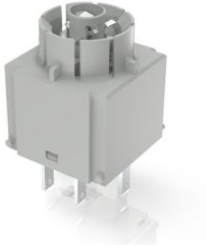


RAFIX 16, standard switching element, gold, with lamp socket, quick-connect terminal, momentary contact function, for W 2 x 4.6d, 1 NC + 1 NO



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

CE

SP

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		direct links
Color	light gray	> RAFI eCatalog
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	

Protection class	II
MOQ order	20 pcs.
RoHS compliant	Yes
REACH compliant	Yes
> <b>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>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>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

