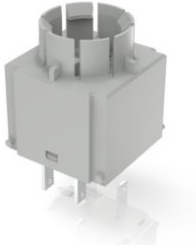


RAFIX 16, standard switching element, silver, without lamp socket, quick-connect terminal, latching, 1 NC + 1 NO



fields of application

➤ Measurement-control-regulation

➤ Electrical engineering

➤ Mechanical and system engineering

➤ Industrial robots

special features

➤ Suitable for pushbuttons, mushroom pushbuttons and toggle switches

➤ Silver contacts, optimal for switching large currents (max. 250 V / 6 A)

➤ Optional with 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		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	No	
Packaging unit	20 pcs.	
net weight	8.3 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	
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	latching
Operating force, max.	100 N
Operating travel, max.	3 mm
Contact function	1 NC + 1 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 Closed: 11/12, 21/22 Normally Open: 13/14, 23/24
> electrical data	
Rated insulation voltage	250 V
Rated surge voltage	2,500 V
Rated operating voltage	250 V (AC-15) 250 V / 125 V / 60 V / 24 V (DC-13)
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)

drawings

System drawing

