

# RAFIX 16, pushbutton, flat bezel, square collar, bezel red



# fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Industrial robots

### special features

- > Opaque bezels, not illuminable
- Robust also suitable for operation with gloves
- > Degree of protection: IP 65 at the front
- > Mounting diameter 16.2 mm
- > Separate switching elements required
- Close mounting of actuators possible due to axial wiring from behind
- Switching elements with silver contacts (max. 250 V / 6 A) or gold contacts (max. 35 V / 0.25 A)
- Connection types switching elements: screw connection, plug connection, PCB plug-in socket



# description

RAFIX control devices are modular units consisting of several parts. In the RAFIX 16 family, they always consist of an actuating element and a switching element, or of an indicator lamp and a lamp socket. Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility, reset and function only when assembled with the appropriate switching elements. For illuminated actuators, please use switching elements with lamp socket.

With RAFIX 16 actuators, you can choose between three collar shapes: round, square or square side-by-side, where the pushbuttons can be lined up seamlessly. The mounting diameter is 16.2 mm according to the standard. The anti-rotation lug can be easily removed with a screwdriver if necessary.

> general		
Bezel color	red	direct links
Property of bezel / mushroom	opaque	> RAFI eCatalog
Collar shape	square	
Operating temperature, min.	-25 °C	
Operating temperature, max.	70 °C	
Storage temperature, min.	-40 °C	
Storage temperature, max.	85 °C	
illuminated	No	
Packaging	Box	
Packaging unit	20 pcs.	
net weight	7 g	

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# 1.30.070.251/0300

	Operating life	2,000,000 cycles
	B10	2,600,000 cycles
	Degree of protection, front side,	IP65
	according to DIN EN 60529	
	Environment resistance	IEC 60068-2-14
		IEC 60068-2-30
		IEC 60068-2-33
		IEC 60068-2-78
	MOQ order	100 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	24.95 mm
	Outside dimension, width	24.95 mm
	Outside dimension, height	26.35 mm
	Mounting hole	16.2 mm
	Mounting depth	44.7 mm
	Installation height	7.15 mm
	Grid, min.	25 x 25 mm
	Collar dimension	24,95 x 24,95 mm
>	mechanical data	
	Operating force, max.	100 N
	Operating travel, max.	3 mm
	Fixing	Threaded ring
	Threaded ring torque, max.	1.2 Nm

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## technical data sheet





# drawings

## **Dimensioned drawing**



# Mounting hole drawing



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