

RAFIX 16 F, keylock switch, round collar, 2 x 40°, momentary contact function



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction

special features

- Robust also suitable for operation with gloves
- Close mounting of actuators possible, as wiring is axial from the rear
- > Degree of protection: IP 65 at the front
- Separate switching elements UNIVERSAL required
- Switching elements with silver contacts (max. 250 V / 6 A) or gold contacts (max. 35 V / 0.25 A)
- Connection types: screw connection, plug-in connection, PCB plug-in socket
- > The switching elements are snapped on and can be removed again by turning.

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description

The locking systems we use were created according to the DIN EN 1303 standard by well-known lock manufacturers. They are open, mechanical systems which, depending on the environmental conditions, require occasional maintenance (e.g. greasing & oiling) by the machine or system operator.

RAFIX control units are modular units consisting of several parts. In the RAFIX 16 product family, these always consist of an actuating element and a switching element. Actuating elements (such as key switches) have the specified tactility, reset and function only when assembled with the appropriate switching elements.

With RAFIX 16 actuating elements, you can choose between three collar shapes: round, square or square side-by-side, in which 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.

technical data

>	general	
	Scope of delivery	2 keys
	Bezel color	black
	Property of bezel / mushroom	opaque
	Collar color	metallic silver

direct links

RAFI eCatalog

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technical data sheet

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	Collar shape	round	
	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	10 pcs.	
	net weight	30.7 g	
	Operating life	65,000 cycles	
	B10	84,500 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	10 pcs.	
	RoHS compliant	Yes	
	REACH compliant	Yes	
>	mounting diameters	20	
	Outside dimension, length	28 mm	
	Outside dimension, width	28 mm	
	Outside dimension, height	48.4 mm	
	Mounting hole	22.3 mm	
	Mounting depth	50 mm	
	Installation height	24.1 mm	
	Grid, min.	30 x 30 mm	
、	Collar dimension	ø 28 mm	
)	mechanical data		
	Actuation function	momentary contact function	
	Operating torque, max.	1.3 Nm	
	Locking position	1	
	Key lock	Micromec	
	Rotating angle	2 x 40°	
	Fixing	Threaded ring	
	Threaded ring torque, max.	1.2 Nm	

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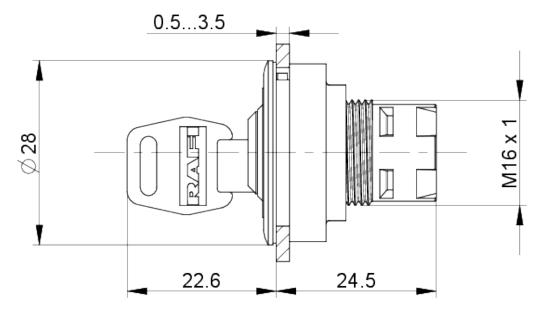
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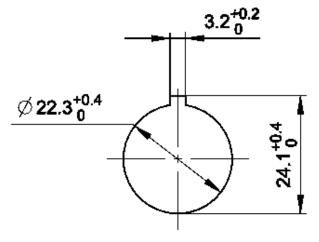


drawings

Dimensioned drawing



Mounting hole drawing



acc. to IEC 60947-5-1

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