

RAFIX 16 F, keylock switch, square collar, 1 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

> g	jeneral		
S	Scope of delivery	2 keys	direct links
E	Bezel color	black	> RAFI eCatalog
F	Property of bezel / mushroom	opaque	
C	Collar color	black	

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights. **date**: Feb 28, 2024 **page**: 1/3

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Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi-group.com, info.headquarters@rafi-group.com technical data sheet

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	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	2 pcs.
	net weight	30.7 g
	Operating life	65,000 cycles
	B10	84,500 cycles
	Degree of protection, front side, according to DIN EN 60529	IP65
	Environment resistance	IEC 60068-2-14
		IEC 60068-2-30
		IEC 60068-2-33
		IEC 60068-2-78
	Protection class	11
	MOQ order	10 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	REACH compliant mounting diameters	Yes
>		Yes 24.9 mm
>	mounting diameters	
>	mounting diameters Outside dimension, length	24.9 mm
>	mounting diameters Outside dimension, length Outside dimension, width	24.9 mm 24.9 mm
>	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height	24.9 mm 24.9 mm 48.4 mm
>	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole	24.9 mm 24.9 mm 48.4 mm 23.1 mm
>	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min.	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm 30 x 30 mm
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm 30 x 30 mm
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm 30 x 30 mm 24,9 x 24,9 mm
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm 30 x 30 mm 24,9 x 24,9 mm momentary contact function
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function Operating torque, max.	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm 30 x 30 mm 24,9 x 24,9 mm momentary contact function 1.3 Nm
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function Operating torque, max. Locking position	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm 30 x 30 mm 24,9 x 24,9 mm momentary contact function 1.3 Nm 1
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function Operating torque, max. Locking position Key lock	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm 30 x 30 mm 24,9 x 24,9 mm momentary contact function 1.3 Nm 1 Micromec
	mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function Operating torque, max. Locking position Key lock Rotating angle	24.9 mm 24.9 mm 48.4 mm 23.1 mm 50 mm 24.1 mm 30 x 30 mm 24,9 x 24,9 mm momentary contact function 1.3 Nm 1 Micromec 1 x 40°

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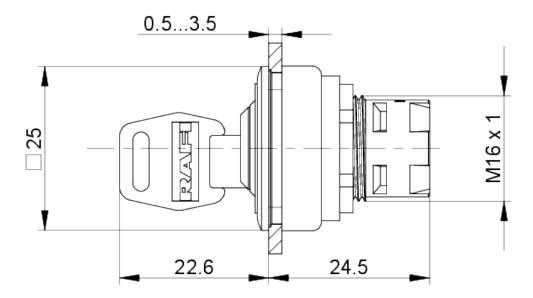
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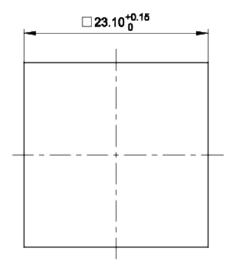


drawings

Dimensioned drawing



Mounting hole drawing



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