

RAFIX 16 F, keylock switch, round collar, 2 x 90°, latching



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.



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
	Collar shape	round
	Operating temperature, min.	-25 °C

direct links

> RAFI eCatalog

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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**: Aug 31, 2024 **page**: 1/3

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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	
	28 mm
Outside dimension, length	2011111
Outside dimension, length Outside dimension, width	28 mm
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Outside dimension, width	28 mm
Outside dimension, width Outside dimension, height	28 mm 48.4 mm
Outside dimension, width Outside dimension, height Mounting hole	28 mm 48.4 mm 22.3 mm
Outside dimension, width Outside dimension, height Mounting hole Mounting depth	28 mm 48.4 mm 22.3 mm 50 mm
Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height	28 mm 48.4 mm 22.3 mm 50 mm 24.1 mm
Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min.	28 mm 48.4 mm 22.3 mm 50 mm 24.1 mm 30 x 30 mm
Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension	28 mm 48.4 mm 22.3 mm 50 mm 24.1 mm 30 x 30 mm
Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data	28 mm 48.4 mm 22.3 mm 50 mm 24.1 mm 30 x 30 mm ø 28 mm
Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function	28 mm 48.4 mm 22.3 mm 50 mm 24.1 mm 30 x 30 mm ø 28 mm
Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function Operating torque, max.	28 mm 48.4 mm 22.3 mm 50 mm 24.1 mm 30 x 30 mm ø 28 mm latching 1.3 Nm
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	28 mm 48.4 mm 22.3 mm 50 mm 24.1 mm 30 x 30 mm ø 28 mm latching 1.3 Nm 1
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	28 mm 48.4 mm 22.3 mm 50 mm 24.1 mm 30 x 30 mm ø 28 mm latching 1.3 Nm 1 Micromec

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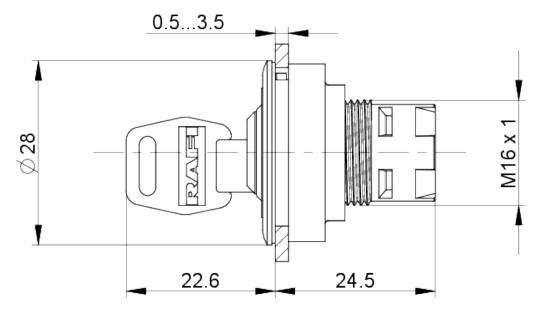
technical data sheet



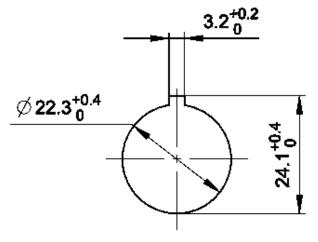


drawings

Dimensioned drawing



Mounting hole drawing



acc. to IEC 60947-5-1

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