### 1.30.096.151/0000



# RAFIX 16 F, keylock switch, square collar, 1 x 90°, shape V, 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 black Collar shape square

-25 °C Operating temperature, min.

direct links

> RAFI eCatalog

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

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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 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

MOQ order 10 pcs. RoHS compliant Yes **REACH** compliant Yes

#### > mounting diameters

Outside dimension, length 24.9 mm Outside dimension, width 24.9 mm Outside dimension, height 48.4 mm Mounting hole 23.1 mm Mounting depth 50 mm 24.1 mm Installation height Grid, min. 30 x 30 mm Collar dimension 24,9 x 24,9 mm

#### > mechanical data

Actuation function latching Operating torque, max. 1.3 Nm Locking position

Key lock Micromec

Rotating angle 1 x 90°, shape V Fixing Threaded ring

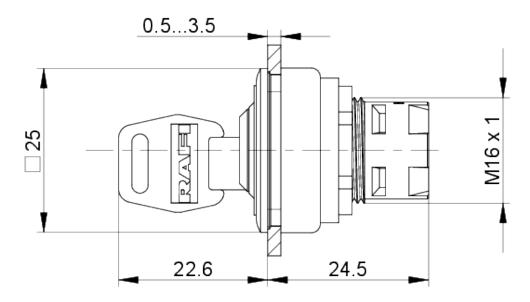
Threaded ring torque, max. 1.2 Nm

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## drawings

#### **Dimensioned drawing**



#### Mounting hole drawing

