

# RAFIX 22 FS<sup>+</sup>, compact keylock switch, square collar, frontring metallic silver, 1 x 90°, shape L, latching, key removal position 0+1



#### fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction
- > Handheld terminals
- > Industrial robots

### special features

- > Key switch with low installation height
- > Low installation depth 9.2 mm (PCB) or 27 mm (QC)
- > Connection types: printed circuit board connection (PCB) or plug-in connection
- > PCB switching elements minimize mounting errors
- > Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- > Design adaptation through different front ring variations
- > Degree of protection: IP 65 at the front
- > Two collar shapes: round and square









### description

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

The locking systems we use have been created by reputable lock manufacturers in accordance with the DIN EN 1303 standard. They are open, mechanical systems that require occasional maintenance by the operator depending on the ambient conditions.

Further locking positions or functions are available on request.

### technical data

> general

Disassembly possible no

Scope of delivery 2 keys

Front ring color metallic silver

Collar shape square Operating temperature, min. -25 °C 70 °C Operating temperature, max.

direct links

> RAFI eCatalog

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Storage temperature, min. -40 °C
Storage temperature, max. 80 °C
illuminated No
Packaging Box
Packaging unit 2 pcs.

Operating life 50,000 cycles B10 65,000 cycles

Degree of protection, front side,

according to DIN EN 60529

UL Enclosure Type Rating front type 1

side type 4X indoor

Environment resistance IEC 60068-2-14

IEC 60068-2-30 IEC 60068-2-33

**IP65** 

IEC 60068-2-78 IEC 60068-2-11

Salt-spray resistance according to

standard

MOQ order 10 pcs.

RoHS compliant Yes

REACH compliant Yes

#### > mounting diameters

Outside dimension, length 29.8 mm

Outside dimension, width 29.8 mm

Mounting hole 22.3 mm

Mounting depth 9.2 mm

Installation height 20 mm

Grid, min. 30 x 30 mm

Collar dimension 29,8 x 29,8 mm

### > mechanical data

Actuation function latching
Operating torque, max. 1.3 Nm
Locking position 001
Key removal position 0+1

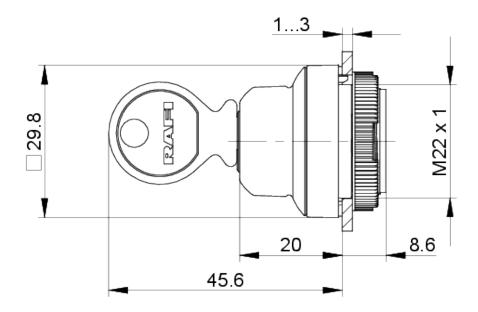
Rotating angle  $1 \times 90^{\circ}$ , shape L Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

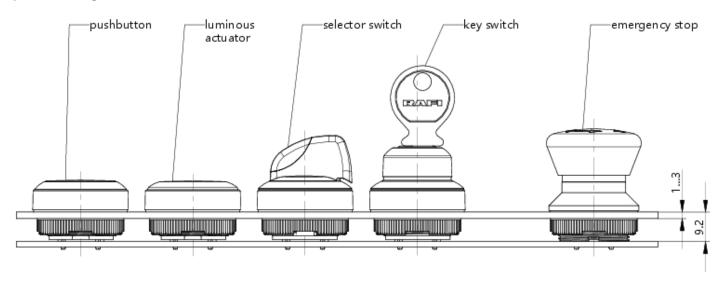


## drawings

### **Dimensioned drawing**

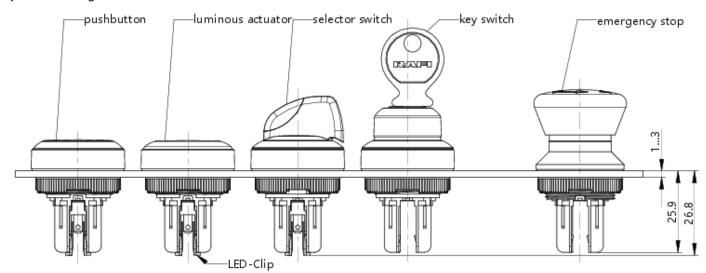


### System drawing

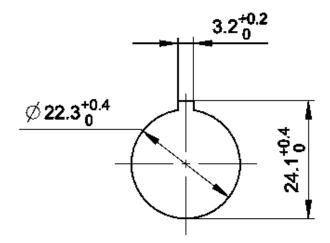




#### System drawing



### Mounting hole drawing



acc. to IEC 60947-5-1



#### front panel drawing

