RAFI

RAFIX 22 FS⁺, keylock switch SSG10, collar round, frontring metallic silver, 1 x 90°, 1 x 40°, latching / momentary, key removal position 0

fields of application

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

special features

> Low installation depth 9.2 mm (PCB) or 27 mm (QC)
> Connection types: printed circuit board connection (PCB) or plug-in connection (QC)
> 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

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description

RAFIX control components are defined by RAFI as modular elements, including of actuator element, coupling if necessary and individual contact or lighting element.

Actuators (such as pushbuttons, emergency-stop pushbuttons, etc.) have the specified tactility, reset and general function only in combination with the appropriate contact elements.

The locking systems we use were developed by renowned lock manufacturers in accordance with the DIN EN 1303 standard. They are open, mechanical systems which, depending on the environmental conditions, require occasional maintenance (e.g. greasing) by the machine or system operator.
We have developed and fully qualified our key switches with RAFI reference keys. Under certain circumstances, plant operators may be using various low-cost key copies or third-party keys whose function and tactility may differ.

Der Schlüsselschalter „SSG10" Ist autorisiert und wird hauptsächlich in industriellen Anlagen für die Automobil-Industrie verwendet. Im Lieferumfang ist ein Schlüssel enthalten.

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RAFI

technical data

> general

Disassembly possible	no
Scope of delivery	Without key
	1 Key
Color	dark gray
Collar color	dark gray
Front ring color	metallic silver
Collar shape	round
Operating temperature, min.	-25 °C
Storage temperature, min.	-40 °C
Operating temperature, max.	70 °C
Storage temperature, max.	80 °C
illuminated	No
Packaging	Box
Packaging unit	2 pcs.
Operating life	50,000 Cycles
B10	71,660 Cycles
UL Enclosure Type Rating front	type 1
side	type 4X
MOQ order	2
RoHS compliant	Yes

> mounting diameters

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Mounting hole	22.3 mm
Mounting depth	9.2 mm
Installation height	40.6 mm
Grid, min.	30 mm
Outside dimension, width	29.8 mm

> mechanical data

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Actuation function	latching / momentary
Operating torque	1.3 Nm
Resistance to force on the side	100 N
Locking position	SSG10
Number of locking positions	1
Key removal position	0
Rotating angle	1 x 90°, 1 x 40°
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

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drawings

Dimensioned drawing
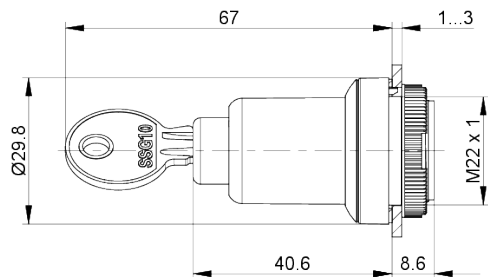
System drawing
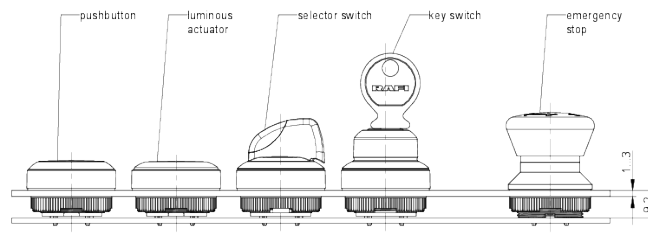
System drawing
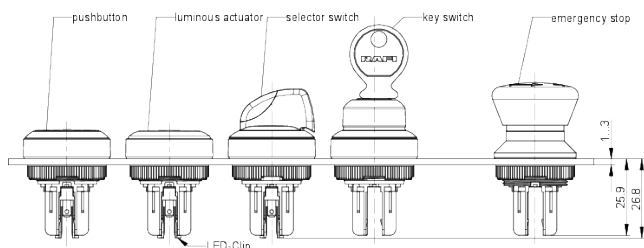
Mounting hole drawing

acc. to IEC 60947-5-1

front panel drawing

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Contact details
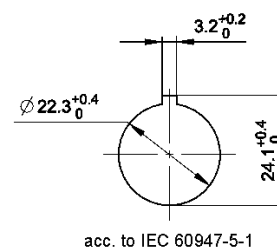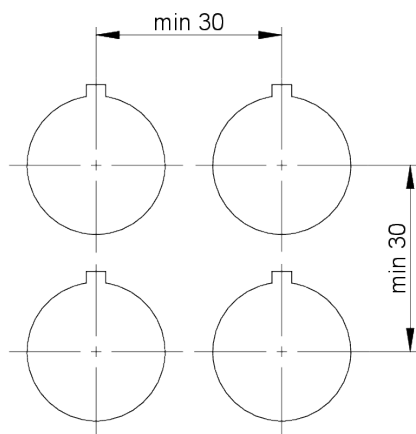
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