

# RAFIX 22 FS<sup>+</sup>, illuminated selector switch, round collar, frontring metallic silver, 2 x 60°, latching, illuminable



## fields of application

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

#### special features

- Illumination of the rotary handle marking with SMT LED
- Colored illumination with colored LEDs possible
- 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
- > 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 translucent handle marking can be illuminated if combined with a corresponding switching element.

For colored illumination of the handle marking, please use colored LEDs.

## technical data

#### > general

-		direct
Disassembly possible	no	airec
Front ring color	metallic silver	> RA
Collar shape	round	
Operating temperature, min.	-25 °C	

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# direct links

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(	Operating temperature, max.	70 °C
:	Storage temperature, min.	-40 °C
:	Storage temperature, max.	80 °C
i	illuminated	Yes
l	Packaging	Box
l	Packaging unit	10 pcs.
I	net weight	9.9 g
(	Operating life	300,000 cycles
	B10	390,000 cycles
	Degree of protection, front side, according to DIN EN 60529	IP65
I	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
		IEC 60068-2-78
	Salt-spray resistance according to standard	IEC 60068-2-11
I	MOQ order	10 pcs.
	MOQ order RoHS compliant	10 pcs. Yes
l		
	RoHS compliant	Yes
   	RoHS compliant REACH compliant	Yes
	RoHS compliant REACH compliant <b>mounting diameters</b>	Yes Yes
     	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length	Yes Yes 29.8 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width	Yes Yes 29.8 mm 29.8 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height	Yes Yes 29.8 mm 29.8 mm 32.4 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm 9.2 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm 9.2 mm 22.24 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min.	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm 9.2 mm 22.24 mm 30 x 30 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm 9.2 mm 22.24 mm 30 x 30 mm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension <b>mechanical data</b> Actuation function Operating torque, max.	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm 22.24 mm 30 x 30 mm ø 29,8 mm latching 1.5 Nm
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension <b>mechanical data</b> Actuation function	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm 9.2 mm 22.24 mm 30 x 30 mm ø 29,8 mm latching 1.5 Nm 2 x 60°
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension <b>mechanical data</b> Actuation function Operating torque, max.	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm 22.3 mm 22.24 mm 30 x 30 mm ø 29,8 mm latching 1.5 Nm 2 x 60° Threaded ring
	RoHS compliant REACH compliant <b>mounting diameters</b> Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension <b>mechanical data</b> Actuation function Operating torque, max. Rotating angle	Yes Yes 29.8 mm 29.8 mm 32.4 mm 22.3 mm 9.2 mm 22.24 mm 30 x 30 mm ø 29,8 mm latching 1.5 Nm 2 x 60°

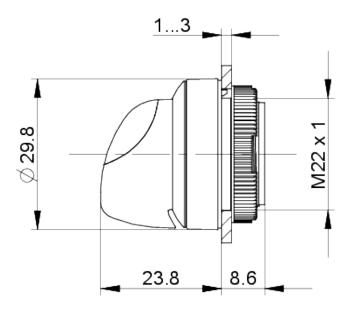
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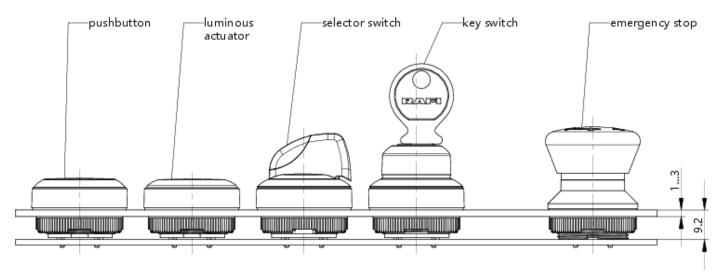


# drawings

#### **Dimensioned drawing**



#### System drawing



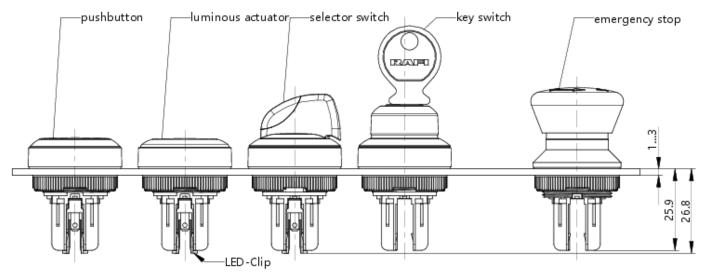
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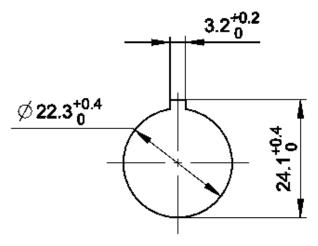
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#### System drawing



#### Mounting hole drawing



acc. to IEC 60947-5-1

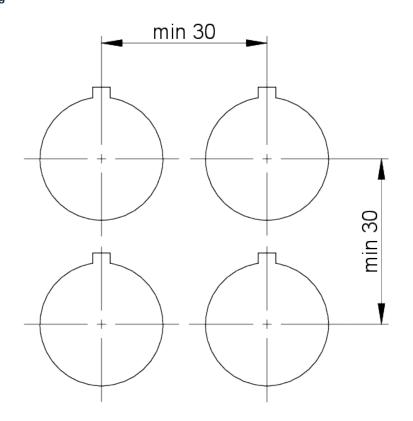
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#### front panel drawing



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