

RAFIX 22 FS⁺, illuminated pushbutton, protruding bezel, square collar, latching, frontring light gray, bezel white



fields of application

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

special features

- > Illuminated pushbutton, panel illumination with SMT LED
- > Low installation depth 9.2 mm (PCB) or 27 mm (QC)
- Special tactile feedback
- > Ideal for operation with gloves
- > Connection types: printed circuit board connection (PCB) or plug-in connection (QC)
- > PCB switching elements minimize assembly errors
- > Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- > The tactile switch adapter allows MICON 5 tactile switches to be used as switching elements
- > Design adaptation by 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.

Pushbutton with translucent bezel. In combination with a corresponding switching element, the bezel can be fully illuminated.

technical data

> general		
Disassembly possible	no	direct links
Bezel color	white	> RAFI eCatalog
Property of bezel / mushroom	translucent	
Front ring color	light gray	

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	Collar shape	square
	Operating temperature, min.	-25 °C
	Operating temperature, max.	70 °C
	Storage temperature, min.	-40 °C
	Storage temperature, max.	80 °C
	illuminated	Yes
	Packaging	Box
	Packaging unit	10 pcs.
	Operating life	500,000 cycles
	B10	650,000 cycles
	Degree of protection, front side, according to DIN EN 60529	IP65
	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
	MOQ order	10 pcs.
	RoUS compliant	
	RoHS compliant	Yes
	REACH compliant	
•	REACH compliant mounting diameters	Yes Yes
•	REACH compliant mounting diameters Outside dimension, length	Yes Yes 29.8 mm
•	REACH compliant mounting diameters Outside dimension, length Outside dimension, width	Yes Yes 29.8 mm 29.8 mm
•	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height	Yes Yes 29.8 mm 29.8 mm 21.6 mm
	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole	Yes Yes 29.8 mm 29.8 mm 21.6 mm 22.3 mm
	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth	Yes Yes 29.8 mm 29.8 mm 21.6 mm 22.3 mm 9.2 mm
•	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height	Yes Yes 29.8 mm 29.8 mm 21.6 mm 22.3 mm 9.2 mm 12.9 mm
•	REACH compliant mounting diameters 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 21.6 mm 22.3 mm 9.2 mm 12.9 mm 30 x 30 mm
•	REACH compliant mounting diameters 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 21.6 mm 22.3 mm 9.2 mm 12.9 mm
•	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data	Yes Yes 29.8 mm 29.8 mm 21.6 mm 22.3 mm 22.3 mm 9.2 mm 12.9 mm 30 x 30 mm 29,8 x 29,8 mm
•	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function	Yes Yes 29.8 mm 29.8 mm 21.6 mm 22.3 mm 9.2 mm 12.9 mm 30 x 30 mm 29,8 x 29,8 mm
•	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function Operating force, max.	Yes Yes 29.8 mm 29.8 mm 21.6 mm 22.3 mm 22.3 mm 9.2 mm 12.9 mm 30 x 30 mm 29,8 x 29,8 mm latching 100 N
•	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function Operating force, max. Operating travel, max.	Yes Yes 29.8 mm 29.8 mm 21.6 mm 22.3 mm 22.3 mm 12.9 mm 12.9 mm 30 x 30 mm 29,8 x 29,8 mm latching 100 N 4 mm
•	REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole Mounting depth Installation height Grid, min. Collar dimension mechanical data Actuation function Operating force, max.	Yes Yes 29.8 mm 29.8 mm 21.6 mm 22.3 mm 22.3 mm 9.2 mm 12.9 mm 30 x 30 mm 29,8 x 29,8 mm latching 100 N

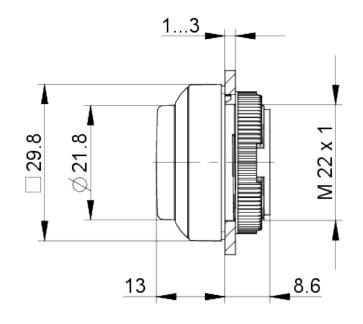
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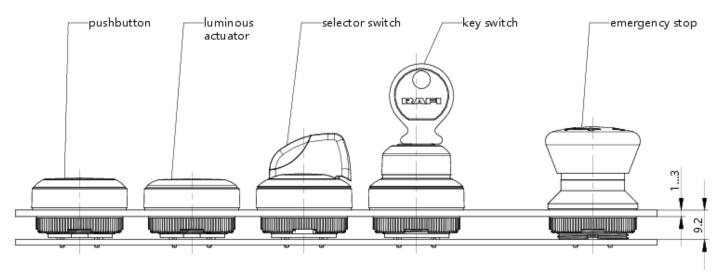


drawings

Dimensioned drawing



System drawing



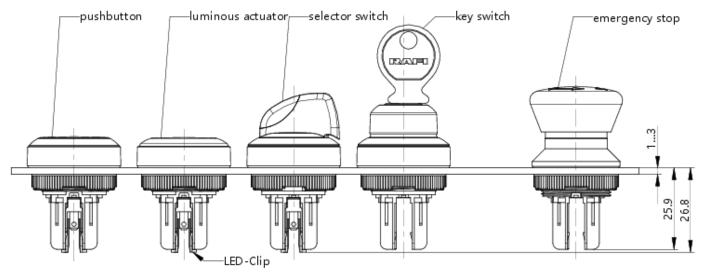
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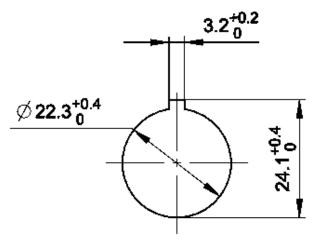




System drawing



Mounting hole drawing



acc. to IEC 60947-5-1

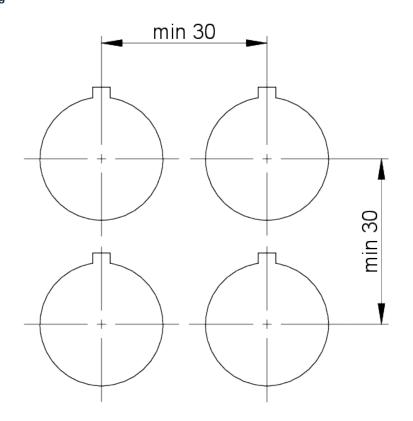
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front panel drawing



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