

RAFIX 22 FS⁺, pushbutton with protective cap, round collar, momentary contact function, frontring black, bezel black



fields of application

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

special features

- Mounting hole diameter: 22.3 mm according to IEC 60947
- Mounting depth just 9.2 mm (with PCB switching element) or 27 mm (QC switching element)
- Min. degree of protection IP65 according to DIN EN 60529
- > 2 collar shapes, round or square
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- The switching elements for printed circuit boards (PCBs) can be combined with other components on a printed circuit board.
- Switching elements with quick-connect terminal (QC) and LED clip for illumination
- With the short-travel adapter, compatible with the MICON 5 tactile switch as a switching element
- > Legending on request



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.

Non-illuminated pushbutton, with protective cap for use in more difficult environmental conditions.

technical data

Disassembly possible	no
Bezel color	black
Property of bezel / mushroom	opaque
Front ring color	black

direct links

> RAFI eCatalog

RAFI GmbH & Co. KG

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technical data sheet

1.30.270.005/0101



	Collar shape	round
	Operating temperature, min.	-25 °C
	Operating temperature, max.	70 °C
	Storage temperature, min.	-40 °C
	Storage temperature, max.	80 °C
	illuminated	No
	Packaging	Box
	Packaging unit	10 pcs.
	net weight	6.8 g
	Operating life	0
	B10	1,000,000 cycles 1,300,000 cycles
		IP65
	Degree of protection, front side, according to DIN EN 60529	IF05
	Degree of protection, front side,	IP6K9K at 23°C water temperature
	according to ISO 20653	
	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	IEC 60068-2-11
	standard	
	standard MOQ order	10 pcs.
	MOQ order RoHS compliant	10 pcs. Yes
	MOQ order RoHS compliant REACH compliant	
>	MOQ order RoHS compliant REACH compliant mounting diameters	Yes
>	MOQ order RoHS compliant REACH compliant mounting diameters Outside dimension, length	Yes Yes 29.8 mm
>	MOQ order RoHS compliant REACH compliant mounting diameters Outside dimension, length Outside dimension, width	Yes Yes 29.8 mm 29.8 mm
>	MOQ order RoHS compliant REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height	Yes Yes 29.8 mm 29.8 mm 20.7 mm
>	MOQ order RoHS compliant REACH compliant mounting diameters Outside dimension, length Outside dimension, width Outside dimension, height Mounting hole	Yes Yes 29.8 mm 29.8 mm
>	MOQ order RoHS compliant 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 20.7 mm 22.3 mm 9.2 mm
>	MOQ order RoHS compliant 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 20.7 mm 22.3 mm 9.2 mm 9.85 mm
>	MOQ order RoHS compliant 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 20.7 mm 22.3 mm 9.2 mm 9.85 mm 30 x 30 mm
	MOQ order RoHS compliant 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 20.7 mm 22.3 mm 9.2 mm 9.85 mm
	MOQ order RoHS compliant 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 20.7 mm 22.3 mm 9.2 mm 9.85 mm 30 x 30 mm ø 29,8 mm
	MOQ order RoHS compliant REACH compliant mounting diameters Outside dimension, length Outside dimension, width 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 20.7 mm 22.3 mm 9.2 mm 9.85 mm 30 x 30 mm Ø 29,8 mm
	MOQ order RoHS compliant REACH compliant mounting diameters Outside dimension, length Outside dimension, width 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 20.7 mm 22.3 mm 9.2 mm 9.85 mm 30 x 30 mm Ø 29,8 mm momentary contact function 100 N
	MOQ order RoHS compliant REACH compliant mounting diameters Outside dimension, length Outside dimension, width 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 20.7 mm 22.3 mm 9.2 mm 9.85 mm 30 x 30 mm Ø 29,8 mm momentary contact function 100 N 4 mm
	MOQ order RoHS compliant REACH compliant mounting diameters Outside dimension, length Outside dimension, width 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 20.7 mm 22.3 mm 9.2 mm 9.85 mm 30 x 30 mm Ø 29,8 mm momentary contact function 100 N

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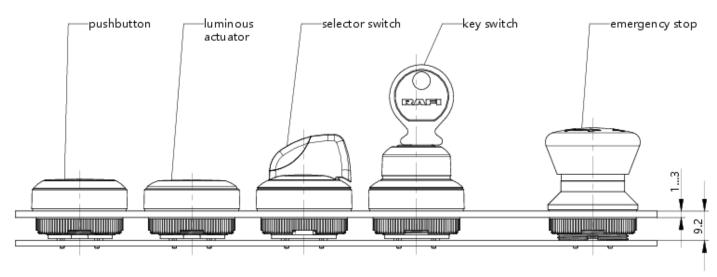
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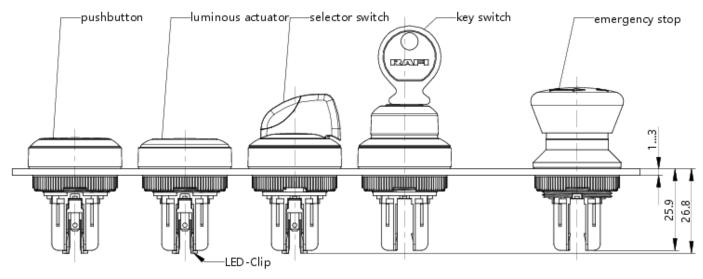


drawings

System drawing



System drawing



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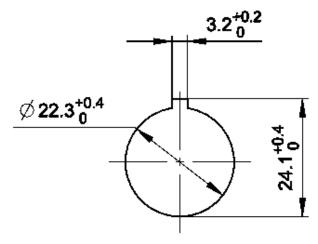
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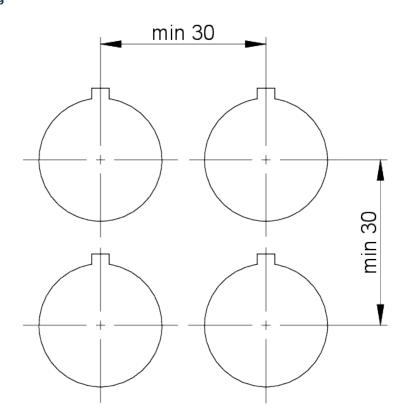


Mounting hole drawing



acc. to IEC 60947-5-1

front panel drawing



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