

RAFIX 22 QR, pushbutton, protruding front ring, round collar, momentary contact function, frontring slate gray, bezel red



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction

special features

- > Opaque bezels, not illuminable
- Design adaptations through different front rings in shape and color
- Firmly molded collar seal, cannot twist or be lost during installation.
- > 1-person mounting: the element is clamped by the seal in the mounting hole, and then can be screwed from behind.
- Coupling with bayonet lever as a safeguard against unintentional release of the switching element
- Robust also suitable for operation with gloves
- > Degree of protection: IP 65 at the front
- > Mounting diameter 22.3 mm
- > Separate switching elements required
- Close mounting of actuators (min. 30 x 50 mm) possible, as wiring is axial from behind
- Switching elements with silver contacts (max. 400 V) or gold contacts (max. 35 V / 100 mA)
- Connection types switching elements: cage clamp, screw connection or plug-in connection



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description

RAFIX control units are modular units consisting of several parts. In the RAFIX 22 QR family, they always consist of an actuating element, coupling, and switching element, or of a light attachment, coupling, and lamp socket. For assembly, the switching elements and lamp holders are first snapped into the coupling. Then this unit is snapped onto the actuating element or the signal lamp. To release, a bayonet lever must be actuated.

Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility and function only when assembled with the appropriate switching elements. For illuminated actuators and illuminated attachments, please use a lamp socket / LED element as the middle element in the coupling.

For RAFIX 22 QR actuating elements, you can choose between two collar shapes: round and square. The mounting diameter is 22.3 mm according to the standard. The anti-rotation lug can be easily removed with a screwdriver if necessary.

Additional information according to UL certificate:

> These devices should be mounted in an overall enclosure with sufficient stability and with the specified clearances.

technical data

> ç	general		
E	Bezel color	red	direct links
F	Property of bezel / mushroom	opaque	> RAFI eCatalog
F	Front ring color	slate gray	
(Collar shape	round	
(Operating temperature, min.	-25 °C	
(Operating temperature, max.	70 °C	
S	Storage temperature, min.	-40 °C	
S	Storage temperature, max.	80 °C	
i	lluminated	No	
F	Packaging	Box	
F	Packaging unit	10 pcs.	
r	net weight	14.2 g	
(Operating life	1,000,000 cycles	
E	310	1,300,000 cycles	
	Degree of protection, front side, according to DIN EN 60529	IP65	
E	Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78	
١	MOQ order	50 pcs.	
F	RoHS compliant	Yes	
F	REACH compliant	Yes	

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technical data sheet

1.30.240.501/0307



> mounting diameters

1	mounting diameters			
	Outside dimension, length	29.8 mm		
	Outside dimension, width	29.8 mm		
	Outside dimension, height	35.5 mm		
	Mounting hole	22.3 mm		
	Mounting depth	56.4 mm		
	Installation height	12.6 mm		
	Grid, min.	50 x 30 mm		
	Collar dimension	ø 29,8 mm		
2	> mechanical data			
	Actuation function	momentary contact function		
	Operating force, max.	100 N		
	Operating travel, max.	4 mm		
	Fixing	Threaded ring		
	Threaded ring torque, max.	1.2 Nm		

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drawings

Dimensioned drawing



System drawing



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front panel drawing



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