

RAFIX 22 QR, switching element, screw terminal, silver, without coupling, 1 NC



Description

Additional information according to UL certificate:

- > The terminals are suitable for factory and field wiring.
- > The terminals should be mounted with solid or stranded wires.
- During the temperature test, wiring terminals reached 112°C. The temperature rating of conductors used to connect to these devices shall be rated for at least 112°C.

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.

For illuminable actuators and indicator lights, please use a lamp socket / LED element as the middle element in the coupling.

Switching elements marked in different colors prevent confusion in the bearing and when connecting:

- > 1/2 NC contacts = 1/2 red side cover
- > 1/2 normally open contacts = 1/2 green side covers
- I NC and 1 NO contact = 1 red and 1 green side cover
- > Silver contacts = housing base color black
- > Gold contacts = housing base color gray
- > Lamp socket and LED element = completely black
- The connections belonging to a pair of contacts are marked in color on the connection side and provided with contact identification numbers: 1-2 = NC contact, 3-4 = NO contact
- > Safe switching due to silver contacts (max. 400 V)
- > Scope of delivery without coupling, please order separately



technical data

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general	
Color	black
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C

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technical data sheet

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	Storage temperature, min.	-40 °C	dive et linke
	Storage temperature, max.	80 °C	direct links
	illuminated	No	RAFI eCatalog
	Packaging unit	10 pcs.	
	net weight	13 g	
	Operating life electrical	70.000 (10A / 250V AC) cycles 200.000 (5A / 250V AC) cycles	
	B10 electrical	90.000 (10A / 250V AC) cycles 210.000 (5A / 250V AC) cycles 515.000 (2A / 250V AC) cycles	
	Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78	
	Shock resistance according to standard IEC 60068-2-27	15 g at 11 ms amplitude semi-sinusoidal	
	Vibration resistance according to standard IEC 60068-2-6	5 g at 10 - 500 Hz	
	Protection class	II	
	Minimum order quantity (MOQ)	10 pcs.	
	Pollution degree acc. to DIN EN 61010-1	Pollution degree 3	
	RoHS compliant	Yes	
	REACH compliant	Yes	
	country of origin	HU	
>	mounting diameters		
	Outside dimension, length	49.9 mm	
	Outside dimension, width	39.5 mm	
	Outside dimension, height	30 mm	
	Mounting depth	56.4 mm	
>	mechanical data		
	Operating force, max.	100 N	
	Contact function	1 NC	
	Contact system	Bridge contact	
	Contact material	Silver	
	Fixing	Latching	
	Terminal on the rear	Screw terminal	
	Abisolierlänge	8 mm	
	Wire end sleeve required	Ja	
>	electrical data		
	Rated insulation voltage	400 V	
	Rated surge voltage	6,000 V	
	Rated voltage, min.	10 V	
	Rated voltage, max.	400 V	
	Voltage type	AC / DC	
	Rated operating voltage	10-400 V	
	Rated current, max.	10 A	
_	Power loss	2.00000 W	

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>	Specifications according to IEC 6094	7-5-1
	section	
	Minimum connection cross	0.25 mm²
	Maximum connection cross section	1.5 mm²
	Conditional short circuit current	1,000 A
	Category of use DC-13 / Q300	240 V / 0,27 A (IEC 60947)
		DC-13 / Q300
	Categories of use	AC-15 / B300
	Category of use AC-15 / B300	400 V / 3,5 A (IEC 60947)

Rated surge voltage 6,000 V

Use according to UL:

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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.

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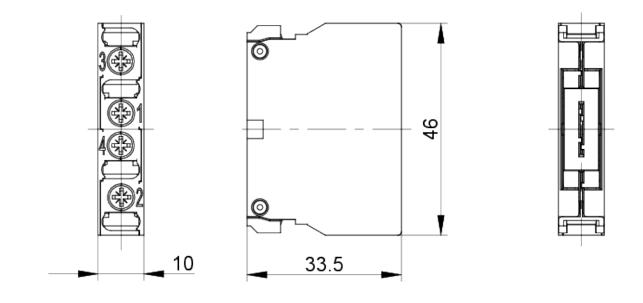
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drawings

Dimensioned drawing



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