

RAFIX 22 QR, LED element, screw terminal, without coupling, 24V, LED green



fields of application

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

special features

- > LED element with screw connection
- Recommendation for clear colors: LED color = bezel color
- Mounting by snapping on (on coupling) and actuator / light attachment
- Mounting always at the middle coupling position
- The connections are open, wiring can start immediately
- > The screws are captively fixed in the clamping position
- Time and material savings due to omission of wire end ferrules for stranded wires
- Rigid wires and stranded wires can be used
- Less wiring effort by inserting the cables from the rear, as no bending of the wires is necessary.
- Connection identification: X1 = plus, X2 = minus
- Disassembly by loosening the bayonet lever of the coupling

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technical data sheet 5.00.070.083/0500



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.

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
- > 1 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

technical data

general		
Color	black	direct links
Luminous element color	green	➤ RAFI eCatalog
Operating temperature, min.	-20 °C	
Operating temperature, max.	65 °C	
Storage temperature, min.	-40 °C	
Storage temperature, max.	80 °C	
illuminated	Yes	
Luminous elements	LED	
Packaging unit	10 pcs.	
net weight	12.6 g	
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	50 g at 11 ms amplitude semi-sinusoidal	
Vibration-resistance according to standard IEC 60068-2-6	10 g at 40 - 500 Hz	
MOQ order	10 pcs.	
RoHS compliant	Yes	
REACH compliant	Yes	

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>	mounting diameters		
	Outside dimension, length	10 mm	
	Outside dimension, width	46 mm	
	Outside dimension, height	39.5 mm	
	Mounting depth	56.4 mm	
>	> mechanical data		
	Fixing	Latching	
	Terminal on the rear	Screw terminal	
	Abisolierlänge	8 mm	
	Wire end sleeve required	Ja	
>	electrical data		
	Operating voltage of the luminous	24 V	
	element, max.		
	Voltage type	AC / DC	
	Rated operating voltage	24 V	
	Power loss	0.384 W	
	Maximum connection cross	1.5 mm ²	
	section		
	Minimum connection cross	0.25 mm ²	
	section		

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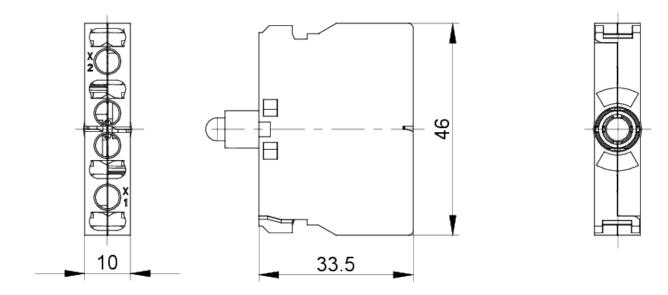
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drawings

Dimensioned drawing



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