

# 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
- 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









## 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

Mounting depth

>	general		
	Color	black	direct links
	Luminous element color	green	> RAFI eCatalog
	Operating temperature, min.	-20 °C	
	Storage temperature, min.	-40 °C	
	Operating temperature, max.	65 °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	
>	mounting diameters		

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56.4 mm

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Outside dimension, length 10 mm
Outside dimension, width 46 mm
Outside dimension, height 39.5 mm

> mechanical data

Fixing Latching

Terminal on the rear Screw terminal

> electrical data

Operating voltage of the luminous

element, max.

Voltage type AC / DC
Rated operating voltage 24 V
Power loss 0.384 W

Maximum connection cross

section

Minimum connection cross

section

0.25 mm<sup>2</sup>

 $1.5 \; mm^2$ 

24 V

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## drawings

## **Dimensioned drawing**



