

# RAFIX 22 QR, lamp socket, screw terminal, with coupling, for BA9s



#### fields of application

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

#### special features

- > Lamp socket BA 9s with screw connection
- > Illumination by socketed LEDs or incandescent lamps
- > Recommendation for clear colors with LEDs: LED color = aperture 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.
- > Disassembly by loosening the bayonet lever of the coupling











#### 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	light gray	direct links
	Operating temperature, min.	-25 °C	> RAFI eCatalog
	Operating temperature, max.	70 °C	
	Storage temperature, min.	-40 °C	
	Storage temperature, max.	80 °C	
	illuminated	Yes	
	Lamp socket	BA9s	
	Packaging unit	10 pcs.	
	net weight	17.8 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	

REACH compliant

MOQ order

RoHS compliant

standard IEC 60068-2-6

Vibration resistance according to

> mounting diameters

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10 pcs.

Yes

Yes

10 g at 40 - 500 Hz



Outside dimension, length 49.9 mm
Outside dimension, width 39.5 mm
Outside dimension, height 30 mm
Mounting depth 56.4 mm

> mechanical data

Fixing Latching

Terminal on the rear Screw terminal

Abisolierlänge 9 mm

> electrical data

Operating voltage of the luminous 6 V

element, min.

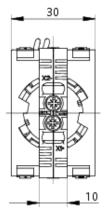
Operating voltage of the luminous 250 V

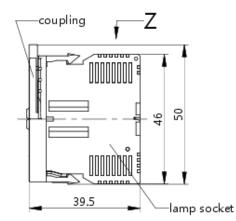
element, max.

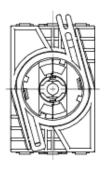


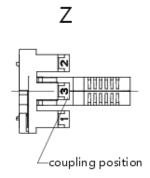
## drawings

### System drawing









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