

# **RAFIX 22 QR, lamp socket, screw terminal, without 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 used
- 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                                                           |
| Operating temperature, min.                              | -25 °C                                                               |
| Storage temperature, min.                                | -40 °C                                                               |
| Operating temperature, max.                              | 70 °C                                                                |
| Storage temperature, max.                                | 80 °C                                                                |
| illuminated                                              | Yes                                                                  |
| Lamp socket                                              | BA9s                                                                 |
| Packaging unit                                           | 10 pcs.                                                              |
| net weight                                               | 10.4 g                                                               |
| Environment resistance                                   | IEC 60068-2-14<br>IEC 60068-2-30<br>IEC 60068-2-33<br>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

|                           |         |
|---------------------------|---------|
| Mounting depth            | 56.4 mm |
| Outside dimension, length | 49.9 mm |

direct links

- [RAFI eCatalog](#)

|                          |         |
|--------------------------|---------|
| Outside dimension, width | 39.5 mm |
|--------------------------|---------|

|                           |       |
|---------------------------|-------|
| Outside dimension, height | 30 mm |
|---------------------------|-------|

➤ **mechanical data**

|        |          |
|--------|----------|
| Fixing | Latching |
|--------|----------|

|                      |                |
|----------------------|----------------|
| Terminal on the rear | Screw terminal |
|----------------------|----------------|

➤ **electrical data**

|                                                 |     |
|-------------------------------------------------|-----|
| Operating voltage of the luminous element, min. | 6 V |
|-------------------------------------------------|-----|

|                                                 |       |
|-------------------------------------------------|-------|
| Operating voltage of the luminous element, max. | 250 V |
|-------------------------------------------------|-------|

## drawings

### Dimensioned drawing

