RAFIX 22 QR, lamp socket, cage clamp 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 cage clamp connection
- Illumination by socketed LEDs or incandescent lamps
- Recommendation for clear colors with LEDs: LED color = aperture color
- Mounting by snapping (onto coupling) and actuator
- Connection with cage clamp: insert screwdriver (clamp opens), insert cable, pull out screwdriver(clamp closes)
- Time and material savings due to elimination of 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

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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
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	13 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

direct links

- RAFI eCatalog

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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	Cage tension clamp
Abisolierlänge	8 mm

electrical data

Operating voltage of the luminous element, min.	6 V
Operating voltage of the luminous element, max.	250 V
Maximum connection cross section	0.75 mm²
Minimum connection cross section	0.2 mm²

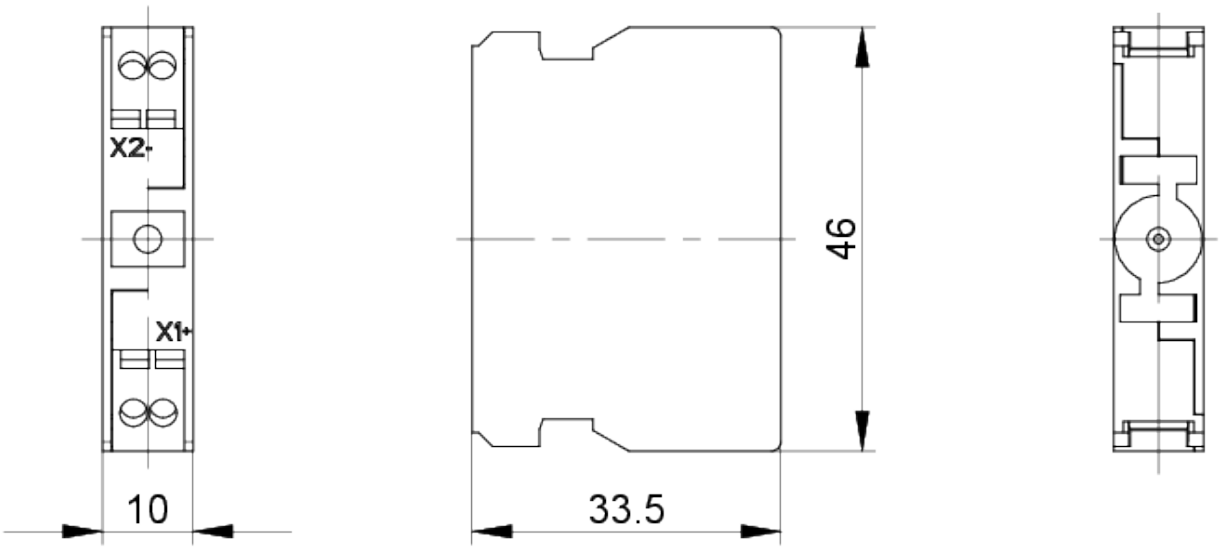
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drawings

Dimensioned drawing



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