**5.00.070.086/0600**

# RAFIX 22 QR, LED element, screw terminal, without coupling, 230V, LED blue



## 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

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.


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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 | black |
| Luminous element color | blue |
| 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 | 14.4 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 |

**direct links**

- RAFI eCatalog

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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 element, max. | 230 V |
| Voltage type | AC |
| Rated operating voltage | 230 V |
| Operating current of the luminous element, max. | 16 mA |
| Power loss | 3.68000 W |
| Maximum connection cross section | 1.5 mm² |
| Minimum connection cross section | 0.25 mm² |

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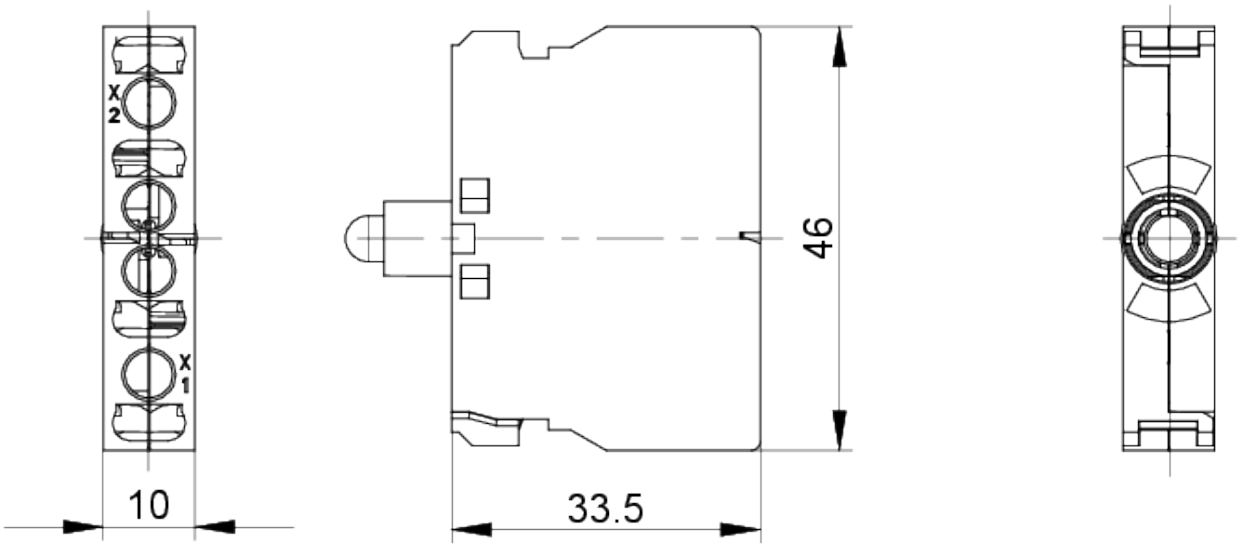
## drawings

### Dimensioned drawing

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