

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



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	red
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
	IEC 60068-2-30

direct links

➤ [RAFI eCatalog](#)

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 may 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.

date: Aug 22, 2025 page: 1/3

RAFI GmbH & Co. KG

Ravensburger Str. 128-134
88276 Berg / Ravensburg
Germany
www.rafi-group.com,
info.headquarters@rafi-group.com

Shock resistance according to standard IEC 60068-2-27	IEC 60068-2-33 IEC 60068-2-78 50 g at 11 ms amplitude semi-sinusoidal
Vibration resistance according to standard IEC 60068-2-6	10 g at 40 - 500 Hz
Minimum order quantity (MOQ)	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes
Country of origin	HU

> 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

Abisolierlänge	8 mm
Wire end sleeve required	Ja
Terminal on the rear	Screw terminal
Fixing	Latching

> 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 mm ²
Minimum connection cross section	0.25 mm ²

Use according to UL:

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

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 may 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 are 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.

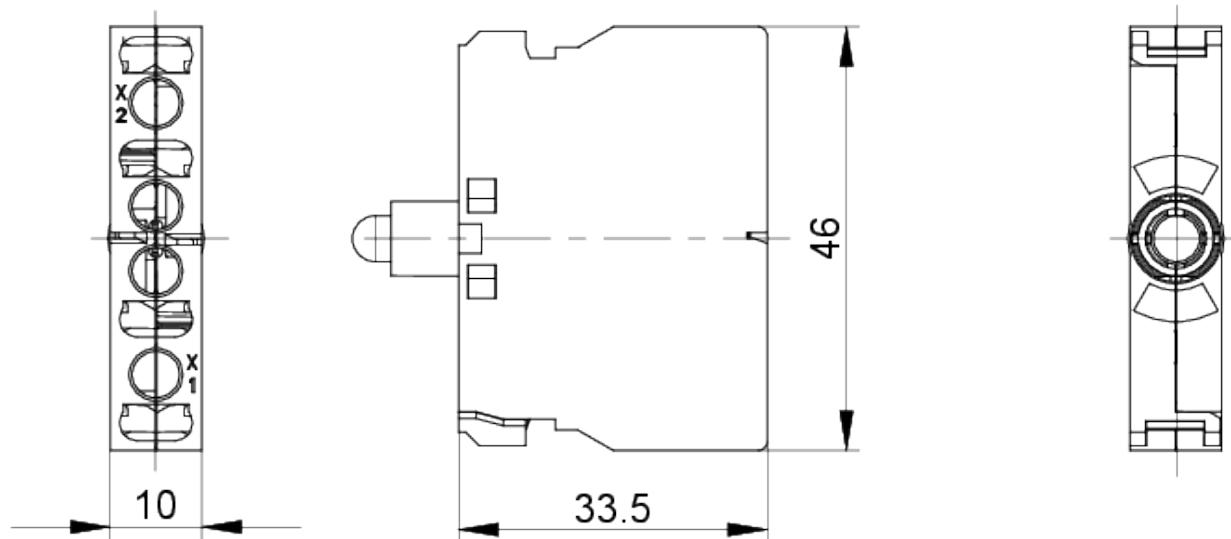
date: Aug 22, 2025 **page:** 2/3

RAFI GmbH & Co. KG

Ravensburger Str. 128-134
88276 Berg / Ravensburg
Germany
www.rafi-group.com,
info.headquarters@rafi-group.com

drawings

Dimensioned drawing



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 may 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.

date: Aug 22, 2025 page: 3/3

RAFI GmbH & Co. KG

Ravensburger Str. 128-134
88276 Berg / Ravensburg
Germany
www.rafi-group.com,
info.headquarters@rafi-group.com