

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](#)

	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
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.

drawings

Dimensioned drawing

