

RAFIX 22 QR, switching element, cage clamp terminal, gold, with coupling, 1 NO



Description

- > Sicheres Schalten von Kleinströmen durch oxidationsfreie Goldkontakte (max. 35 V / 0,25 A)
- > Lieferumfang; 1 x Schaltelement mit 1 Schließer-Kontakt (1 S), eingerastet in Kupplung
- > Montage durch Aufrasten der Kupplung auf Betätiger

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	
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Color light gray Operating temperature, min. -25 °C 70 °C Operating temperature, max. -40 °C Storage temperature, min. Storage temperature, max. 80 °C illuminated No Packaging unit 10 pcs. Net weight 19.8 g

direct links

> RAFI eCatalog

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Operating life electrical 1.000.000 (10mA / 24V DC) cycles B10 electrical 1.300.000 (10mA / 24V DC) cycles

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

15 g at 11 ms amplitude semi-sinusoidal

Vibration resistance according to

standard IEC 60068-2-6

5 g at 10 - 500 Hz

Minimum order quantity (MOQ) 10 pcs.

RoHS compliant Yes

REACH compliant Yes

Country of origin HU

> mounting diameters

Outside dimension, length 49.9 mm
Outside dimension, width 39.5 mm
Outside dimension, height 30 mm
Mounting depth 56.4 mm

> mechanical data

Abisolierlänge 8 mm Wire end sleeve required Nein

Terminal on the rear Cage tension clamp

Fixing Latching
Operating force, max. 100 N
Contact function 1 NO

Contact system Bridge contact

Contact material Gold

> electrical data

0.02 V Rated voltage, min. 35 V Rated voltage, max. AC / DC Voltage type Rated operating voltage 0.02-35 V Rated current, min. 0.00001 A Rated current, max. 0.1 A Rated power, max. 1 W Power loss 0.00010 W

Maximum connection cross 0.75 mm²

section

Minimum connection cross 0.2 mm²

section



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

System drawing

