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RAFIX 22 QR, switching element, quick-connect terminal, gold, without coupling, 1 NC

REPLACEMENT



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction

special features

- > Switching elements with plug-in connection
- > Mounting by snapping on (to coupling) and actuator
- > Flat plug connection 6.3 x 0.8 mm / 2 x 2.8 x 0.8 mm
- > 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







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
- Sicheres Schalten von Kleinströmen durch oxidationsfreie Goldkontakte (max. 35 V / 0,25 A)
- > Lieferumfang ohne Kupplung, bitte separat bestellen

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technical data

> general

Color black

Operating temperature, min. -25 °C

Operating temperature, max. 70 °C
Storage temperature, min. -40 °C
Storage temperature, max. 80 °C
illuminated No
Packaging unit 10 pcs.
net weight 17 g

Operating life 1,000,000 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

Vibration resistance according to

standard IEC 60068-2-6

5 g at 10 - 500 Hz

15 g at 11 ms amplitude semi-sinusoidal

MOQ order 10 pcs.

RoHS compliant Yes

REACH compliant Yes

> 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

Operating force, max. 100 N Contact function 1 NC

Contact system Bridge contact

Contact material Gold
Fixing Latching
Solderability No

Terminal on the rear Flat quick-connect terminal 6.3 x 0.8 / 2 x 2.8 x 0.8

> electrical data

Rated voltage, min.

Rated voltage, max.

Voltage type

AC / DC

Rated operating voltage

Rated current, min.

Rated current, max.

AC / DC

AC / D

Power loss 0.00010 W

purposes may infringe the rights of the respective entity holding those rights.

direct links

> RAFI eCatalog

88276 Berg / Ravensburg

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Maximum connection cross

section

Minimum connection cross

section

0.25 mm²

1.5 mm²

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