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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	15 g at 11 ms amplitude semi-sinusoidal
Vibration resistance according to standard IEC 60068-2-6	5 g at 10 - 500 Hz
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.	0.02 V
Rated voltage, max.	35 V
Voltage type	AC / DC
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

direct links

RAFI eCatalog

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Maximum connection cross section	1.5 mm²
Minimum connection cross section	0.25 mm²

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