

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

REPLACEMENT



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	
black	direct links
-25 °C	> RAFI eCatalog
70 °C	
-40 °C	
80 °C	
No	
10 pcs.	
17 g	
1,000,000 cycles	
	-25 °C 70 °C -40 °C 80 °C No 10 pcs. 17 g

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 my 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.

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technical data sheet 5.00.100.193/0000



	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	15 g at 11 ms amplitude semi-sinusoidal
	standard IEC 60068-2-27	
	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	
	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
>	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
	Maximum connection cross section	1.5 mm²
	Minimum connection cross section	0.25 mm²

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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.

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