

## RAFIX FS switching element universal QC, gold, 1 NC



### fields of application

- Measurement-control-regulation
- Electrical engineering
- Mechanical and system engineering
- Signalling systems
- Vehicle construction
- Agricultural and forestry machinery
- Construction machinery
- Handheld terminals
- Industrial robots



### description

These switching elements have external plungers and therefore can only be combined with pushbuttons, selector switches and keylock switches.

The QC switching elements can be latched into the actuators without the need for tools and with little effort. Wiring is performed in the conventional manner – directly with male quick-connect terminals. The fast and inexpensive version – in cases where no PCB is cost-effective.

#### QC mounting depths

- 26.8 mm for RAFIX 22 FS+ and RAFIX 22 FSR
- 32.8 mm for RAFIX 30 FS+:

QC-Schaltelement für RAFIX 22 FS+, RAFIX FSR und RAFIX 30 FS

Anschluss: QC = Quick Connect = Steckanschluss

Nur passend für Drucktaster, Wahl- und Schlüsselschalter, nicht für Pilzdrucktaster und Not-Halt

Goldkontakte (= graues Gehäuse)

Version mit Lichtleiter für SMT LED, ohne Lichtleiter für THT LED

Kennzeichnung:

- Öffnerkontakte = rote Stößel
- Schließerkontakte = grüne Stößel
- Öffner- und Schließerkontakte = gelbe Stößel

### technical data

#### ➤ general

illuminated Yes

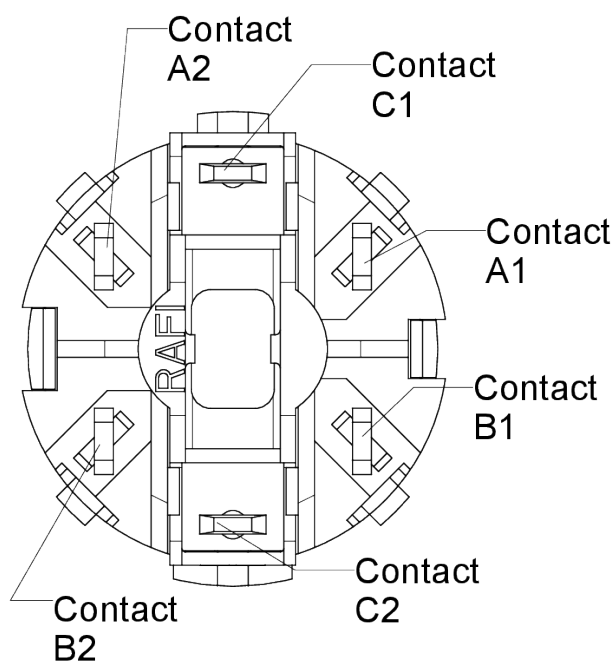
Color	dark gray
Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	85 °C
Vibration-resistance according to standard IEC 60068-2-6	5 g at 10 - 500 Hz
Shock resistance according to standard IEC 60068-2-27	15 g at 11 ms amplitude semi-sinusoidal
Packaging unit	10 pcs.
net weight	3.2 g
standard delivery time	3 weeks
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78
Operating life	1,000,000 Cycles
B10	1,300,000 Cycles
RoHS compliant	Yes
REACH compliant	Yes
Demontage möglich	No
MOQ order	10
<b>&gt; mounting diameters</b>	
Mounting depth	27 mm
Outside dimension, width	30.5 mm
Outside dimension, height	20.3 mm
<b>&gt; mechanical data</b>	
Operating force, max.	100 N
Contact function	1 NC
Contact system	Bridge contact
Contact material	Gold
Fixing	Latching
Terminal on the rear	Flat quick-connect terminal 2.8 x 0.8
Anschluss Kennzeichnung	Normally Closed: 11/12, 21/22
Lötbarkeit	No
<b>&gt; electrical data</b>	
Rated insulation voltage	50 V
Rated surge voltage	500 V
Rated voltage, min.	0.02 V
Rated voltage, max.	35 V
Rated current, min.	0.00001 A
Rated current, max.	0.1 A
Rated power, max.	0.25 W
Rated power, min.	0.25 W
Gebrauchskategorien	AC-15 DC-13
Conditional short circuit current	1,000 A

**direct links**[> RAFI eCatalog](#)

## drawings

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### Connection drawing



Contact block with LED-Clip