

## RAFIX FS switching element universal QC, silver, light guide, for LED clip, 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

Silberkontakte (= schwarzes 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

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 may 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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illuminated	Yes
Color	black
Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	85 °C
Luminous elements	LED
Lamp socket	LED clip
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.
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
Operating life electrical	1,000,000 (1A / 250V AC) Cycles 100,000 (2A / 250V AC) Cycles 30,000 (4A / 250V AC) 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	Silver
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	250 V
Rated surge voltage	2,500 V
Rated voltage, min.	10 V
Rated current, min.	0.01 A
Rated power, min.	0.5 W

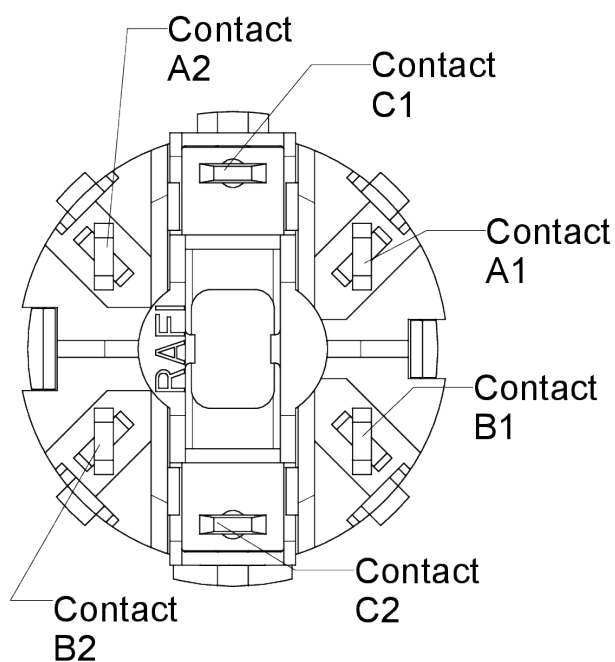
**direct links****>** [RAFI eCatalog](#)

Gebrauchskategorien	AC-15 / B300 DC-13 / Q300
Gebrauchskategorie AC-15 / B300	120 V / 3 A (IEC 60947) 240 V / 1,5 A (IEC 60947)
Gebrauchskategorie DC-13 / Q300	120 V / 0,55 A (IEC 60947) 240 V / 0,27 A (IEC 60947)
Conditional short circuit current	1,000 A

## drawings

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### Connection drawing



Contact block with LED-Clip