

RAFIX FS switching element universal QC, silver, 2 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.

While the NO contacts are labeled 13/14 or 23/24, the NC contacts are labeled 11/12 or 21/22. In the connection drawing, the first contact is described as contact A, while the second contact is described as contact B.

QC mounting depths

- 26.8 mm for RAFIX 22 FS+ and RAFIX 22 FSR
- 32.8 mm for RAFIX 30 FS+:
- > QC contact block for RAFIX 22 FS+, RAFIX FSR and RAFIX 30 FS
- Connection: QC = Quick Connect
- > Only suitable for pushbuttons, selector and key-operated switches, not for mushroom pushbuttons and emergency stop
- Silver contacts (= black housing)
- > Version with light guide for SMT LED, without light guide for THT LED
- > labelling:
 - normally closed contacts = red plungers
 - NO contacts = green plungers
 - NC and NO contacts = yellow plungers

technical data

>	general	
	Disassembly possible	no
	Color	black
	Operating temperature, min.	-40 °C

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. **date**: Jan 26, 2025 **page**: 1/4

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technical data sheet

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Bit Strage temperature, max. 40 °C direct links Strage temperature, max. 85 °C > RAFI eCatalog illuminated Yes > RAFI eCatalog illuminated 4 g > RAFI eCatalog Operating life electrical 100.000 (1A / 250V AC) cycles > RAFI eCatalog 100.000 (1A / 250V AC) cycles 100.000 (1A / 250V AC) cycles > RAFI eCatalog 100.000 (1A / 250V AC) cycles 100.000 (1A / 250V AC) cycles > RAFI eCatalog 100.000 (1A / 250V AC) cycles 100.000 (1A / 250V AC) cycles > RAFI eCatalog 110 electrical 1.300.000 (1A / 250V AC) cycles > RAFI eCatalog 110 electrical 1.300.000 (1A / 250V AC) cycles > RAFI eCatalog 110 electrical 1.300.000 (1A / 250V AC) cycles > RAFI eCatalog 110 electrical 1.300.000 (1A / 250V AC) cycles > RAFI eCatalog 110 electrical 1.5 g at 11 ms amplitude semi-sinusoidal > RAFI eCatalog 110 electrical 1.6 conose 2-3 > RAFI eCatalog 110 electrical 1.9 p mm > RAFI eCatalog 110 electrical 1.9 p mm > RAFI eCatalog		Operating temperature, max.	85 °C	
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Rated current, max.4 ARated power, min.0.5 W		Rated operating voltage	10-250 V	
Rated power, min. 0.5 W		Rated current, min.	0.01 A	
		Rated current, max.	4 A	
Power loss 0.64000 W		Rated power, min.	0.5 W	
		Power loss	0.64000 W	

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

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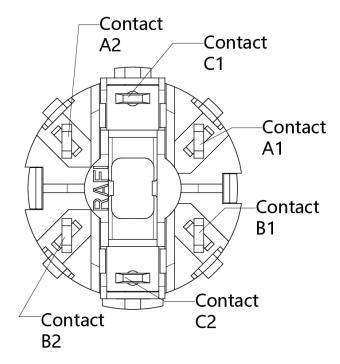
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drawings

Connection drawing



Contact block with LED-Clip

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