

RAFIX FS switching element universal QC, silver, light guide, for LED clip, 2 NO



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

RAFI GmbH & Co. KG

technical data sheet

1.20.126.305/9000

technical data



j genral direct links I Sassembly possible No Operating temperature, max. 85 °C Storage temperature, max. 85 °C Storage temperature, max. 85 °C I Iluminated Yes Lamp socket EED clip Packaging unit. 100,000 (11/ 250V AC) cycles I Andre Socket 1,000,000 (11/ 250V AC) cycles I Andre Socket 30,000 (41/ 250V AC) cycles I Andre Socket 1,000,000 (11/ 250V AC) cycles I Andre Socket 1,000,000 (11/ 250V AC) cycles I Andre Socket 1,000,000 (11/ 250V AC) cycles I Andre Socket 1,300,000 (12/ 250V AC) cycles I Andre Socket 1,300,000 (12/ 250V AC) cycles I Andre Socket 1,300,000 (12/ 250V AC) cycles I Cookes-2-30 1,000,000 (14/ 250V AC) cycles I EC 60068-2-14 1,000,000 (14/ 250V AC) cycles I EC 60068-2-30 1,000,000 (14/ 250V AC) cycles I Socke resistance according to 15 g at 11 ms amplitude semi-sinusoidal standard IEC 60068-2-27 1 I Kock resistance according to 5 g at 10 - 500 H2				
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> mechanical dataOperating force, max.100 NContact function2 NOContact systemBridge contactContact materialSilver		Outside dimension, height	30.65 mm	
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Contact function2 NOContact systemBridge contactContact materialSilver	>	mechanical data		
Contact systemBridge contactContact materialSilver		Operating force, max.	100 N	
Contact material Silver		Contact function	2 NO	
		Contact system	Bridge contact	
Fixing Latching		Contact material	Silver	
		Fixing	Latching	
Solderability No		Solderability	No	
Terminal on the rear Flat quick-connect terminal 2.8 x 0.8		Terminal on the rear	Flat quick-connect terminal 2.8 x 0.8	
Connection marking Normally Open: 13/14, 23/24		Connection marking	Normally Open: 13/14, 23/24	
> electrical data	>	electrical data		
Rated insulation voltage 250 V		Rated insulation voltage	250 V	
Rated surge voltage 2,500 V	_	Rated surge voltage	2,500 V	

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technical data sheet

1.20.126.305/9000



Rated voltage, min.	10 V
Rated voltage, max.	250 V
Voltage type	AC / DC
Rated operating voltage	10-250 V
Rated current, min.	0.01 A
Rated current, max.	4 A
Rated power, min.	0.5 W
Power loss	0.64000 W
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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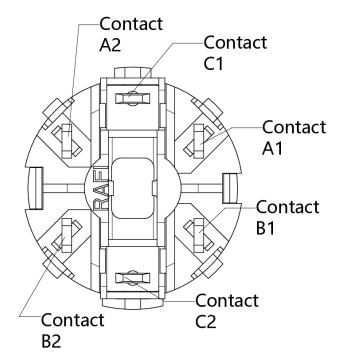
technical data sheet

1.20.126.305/9000



drawings

Connection drawing



Contact block with LED-Clip

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