

RAFIX FS switching element universal QC, silver, light guide, for LED clip, 1 NC + 1 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.

QC mounting depths

- 26.8 mm for RAFIX 22 FS+ and RAFIX 22 FSR

- 32.8 mm for RAFIX 30 FS+:

technical data

>	> general		
	illuminated	Yes	direct links
	Color	black	> RAFI eCatalog
	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 600068-2-6	5 g at 10 - 500 Hz	

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	Shock resistance according to	15 g at 11 ms amplitude semi-sinusoidal
	standard IEC 60068-2-27	
	Packaging unit	10 pcs.
	net weight	4 g
	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
>	mounting diameters	
	Mounting depth	27 mm
	Outside dimension, width	30.5 mm
	Outside dimension, height	20.3 mm
> mechanical data		
	Operating force, max.	100 N
	Contact function	1 NC + 1 NO
	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
		Normally Open: 13/14, 23/24
	Lötbarkeit	No
>	> electrical data	
	Rated insulation voltage	250 V
	Rated operating current I, AC15	120 V / 3 A
	B300	240 V / 1,5 A
		I _{the} : 5 A
	Rated operating current I, DC13	120 V / 0,55 A
	Q300	240 V / 0,27 A I _{the} : 2,5 A
		The. 2,0 A

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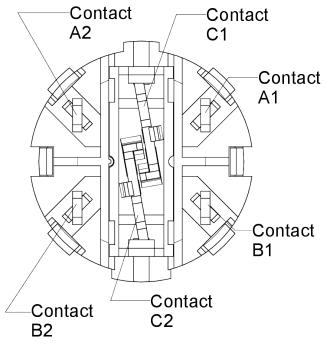
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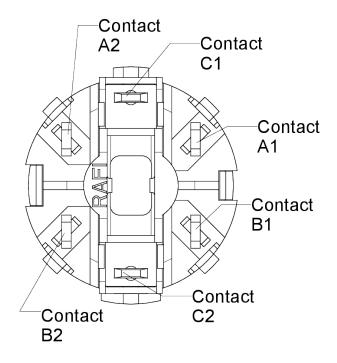
drawings

Connection drawing



Contact block, "Plus 1"

Connection drawing



Contact block with LED-Clip

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