

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
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 600068-2-6	5 g at 10 - 500 Hz

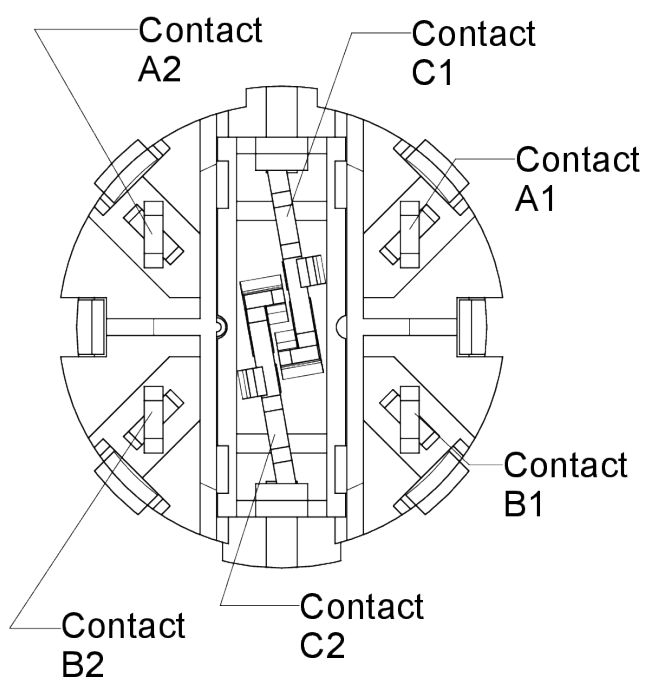
direct links

- › RAFI eCatalog

Shock resistance according to standard IEC 60068-2-27	15 g at 11 ms amplitude semi-sinusoidal
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

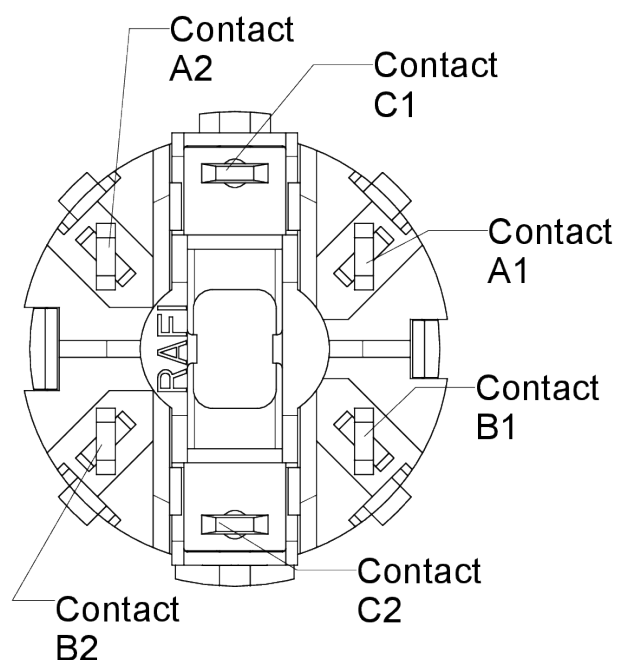
drawings

Connection drawing



Contact block, "Plus 1"

Connection drawing



Contact block with LED-Clip