

RAFIX FS switching element universal QC, gold, 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+:

technical data

› general

| | |
|---|--------------------|
| illuminated | Yes |
| Color | dark gray |
| 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 |

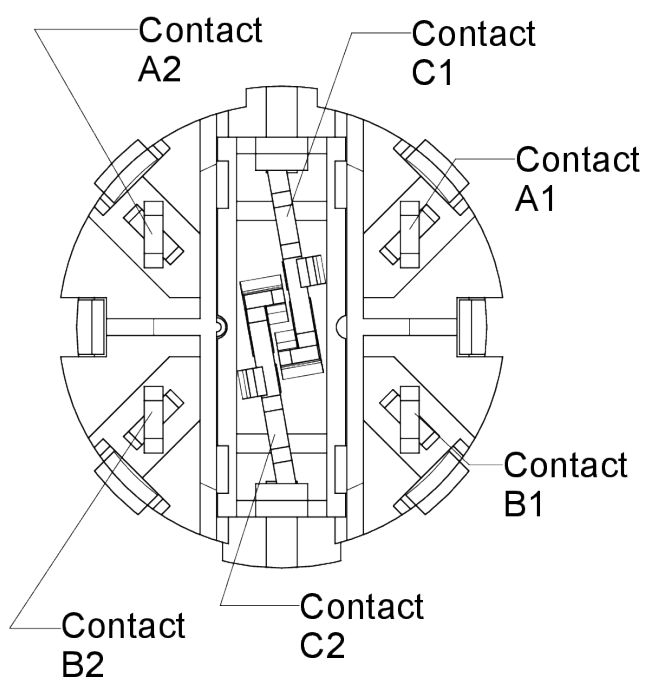
direct links

- › 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 | 3.2 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 |
| Contact system | Bridge contact |
| Contact material | Gold |
| 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 |
| > electrical data | |
| Rated voltage, min. | 1 V |
| Rated current, min. | 0 A |
| Rated current, max. | 0.1 A |
| Rated power, max. | 250 W |

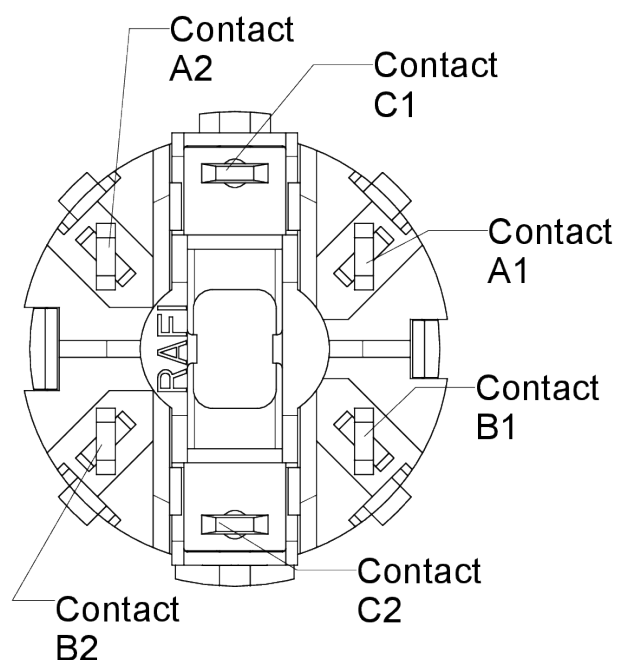
drawings

Connection drawing



Contact block, "Plus 1"

Connection drawing



Contact block with LED-Clip