

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



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+:

The NC contacts of these switching elements are forcibly separated according to IEC 60947-5-1.

- 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
- Gold contacts (= grey 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 | dark gray |
| Operating temperature, min. | -40 °C |
| Operating temperature, max. | 85 °C |
| Storage temperature, min. | -40 °C |
| Storage temperature, max. | 85 °C |
| illuminated | Yes |
| Luminous elements | LED |

direct links

- RAFI eCatalog

| | |
|--|--|
| Lamp socket | LED clip |
| Packaging unit | 10 pcs. |
| Net weight | 4 g |
| Operating life electrical | 1.000.000 (10mA / 24V DC) cycles |
| B10 electrical | 1.300.000 (10mA / 24V DC) cycles |
| Environment resistance | IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78 |
| Shock resistance according to standard IEC 60068-2-27 | 15 g at 11 ms amplitude semi-sinusoidal |
| Vibration resistance according to standard IEC 60068-2-6 | 5 g at 10 - 500 Hz |
| Minimum order quantity (MOQ) | 10 pcs. |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| Country of origin | HU |
| > mounting diameters | |
| Outside dimension, length | 19.7 mm |
| Outside dimension, width | 18.6 mm |
| Outside dimension, height | 30.65 mm |
| Mounting depth | 27 mm |
| > mechanical data | |
| Connection marking | Normally Open: 13/14, 23/24 |
| Terminal on the rear | Flat quick-connect terminal 2.8 x 0.8 |
| Fixing | Latching |
| Operating force, max. | 100 N |
| Contact function | 2 NO |
| Contact system | Bridge contact |
| Contact material | Gold |
| Solderability | No |
| > electrical data | |
| Rated insulation voltage | 50 V |
| Rated surge voltage | 500 V |
| Rated voltage, min. | 0.02 V |
| Rated voltage, max. | 35 V |
| Voltage type | AC / DC |
| Rated operating voltage | 0.02-35 V |
| Rated current, min. | 0.001 A |
| Rated current, max. | 0.1 A |
| Rated power, max. | 0.25 W |
| Power loss | 0.00020 W |
| Categories of use | AC-15 DC-13 |
| Conditional short circuit current | 1,000 A |
| > Specifications according to IEC 60947-5-1 | |
| Rated surge voltage | 500 V |

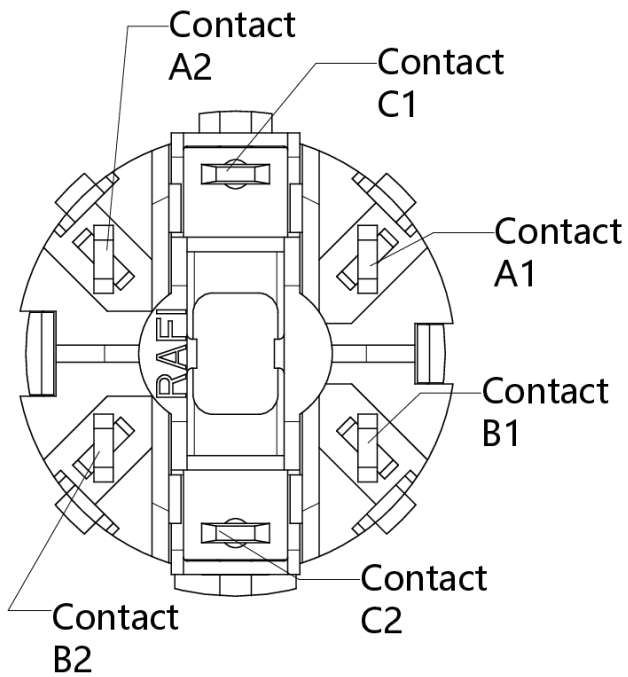
Use according to UL:

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.

drawings

Connection drawing



Contact block with LED-Clip