RAFIX FS switching element universal QC, gold, 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.

QC mounting depths
- 26.8 mm for RAFIX 22 FS+ and RAFIX 22 FSR
- 32.8 mm for RAFIX 30 FS+:

QC-Schaltelement für RAFIX 22 FS+, RAFIX FSR und RAFIX 30 FS

Anschluss: QC = Quick Connect = Steckanschluss

Nur passend für Drucktaster, Wahl- und Schlüsselschalter, nicht für Pilzdrucktaster und Not-Halt

Goldkontakte (= graues Gehäuse)

Version mit Lichtleiter für SMT LED, ohne Lichtleiter für THT LED

Kennzeichnung:

- Öffnerkontakte = rote Stößel

- Schließerkontakte = grüne Stößel

- Öffner- und Schließerkonatkte = gelbe Stößel

technical data

> **general**

RAFI

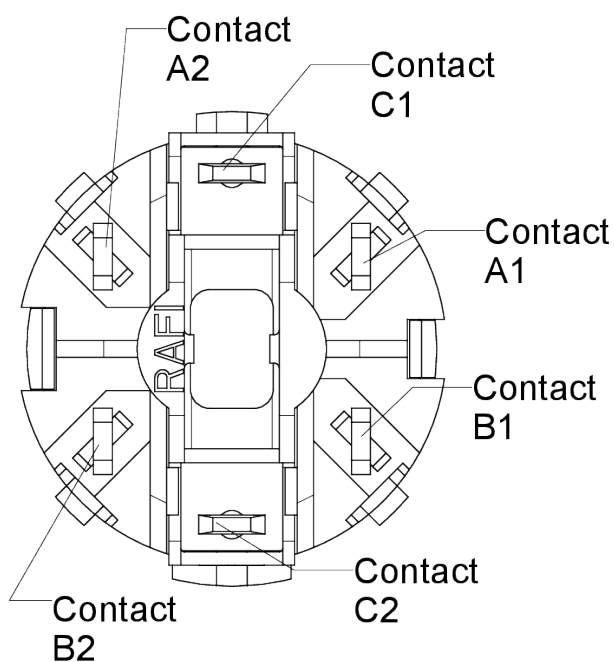|	
illuminated	Yes
Color	dark gray
Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	85 °C
Luminous elements	LED
Lamp socket	LED clip
Vibration-resistance according to standard IEC 60068-2-6	5 g at 10 - 500 Hz
Shock resistance according to standard IEC 60068-2-27	15 g at 11 ms amplitude semi-sinusoidal
Packaging unit	10 pcs.
net weight	3.6 g
standard delivery time	3 weeks
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
MOQ order	10

> 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	2 NO
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 Open: 13/14, 23/24
Lötbarkeit	No

> electrical data

Rated insulation voltage	50 V
Rated surge voltage	500 V
Rated voltage, min.	0.02 V
Rated voltage, max.	35 V
Rated current, min.	0.00001 A
Rated current, max.	0.1 A
Rated power, max.	0.25 W
Rated power, min.	0.25 W

Gebrauchskategorien	AC-15
	DC-13
Conditional short circuit current	1,000 A

drawings

Connection drawing

Contact A2
Contact C1
Contact A1
Contact B1
Contact C2
Contact B2

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Contact block with LED-Clip