1.20.126.101/0000



RAFIX FS switching element universal QC, gold, 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+:

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

illuminated

Yes

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date: Nov 17, 2020 page: 1/3

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Color dark gray

Operating temperature, min. -40 °C
Operating temperature, max. 85 °C

Storage temperature, min. -40 °C Storage temperature, max. 85 °C

Vibration-resistance according to

standard IEC 60068-2-6

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

standard delivery time 3 weeks

Environment resistance IEC 60068-2-14

IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78

5 g at 10 - 500 Hz

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

direct links

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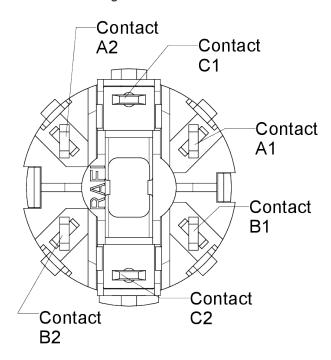
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drawings

Connection drawing



Contact block with LED-Clip