1.20.126.001/9000



RAFIX FS switching element universal PCB, gold, for SMT LED, 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 PCB switching elements are positioned on a PCB shared with other components. These can subsequently be mounted behind the front panel together with the actuators and signal indicators. The switching elements "float" directly underneath the actuators on the PCB behind the front panel and leave plenty of space for other components.

In the center channel of the switching element, there are either light conductors for the use of SMT-LEDs, or 3 mm THT LEDs can be installed for illumination.

PCB mounting depths

- 9.2 mm for RAFIX 22 FS+ and RAFIX 22 FSR
- 15.7 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	SMT LED
	Soldering	Manual / wave

direct links

> RAFI eCatalog

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Solder heat resistance according

to standard

Vibration-resistance according to

standard IEC 600068-2-6

Shock resistance according to

standard IEC 60068-2-27

Packaging unit 30 pcs.

Environment resistance IEC 60068-2-14

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

DIN EN 60068-2-20

5 g at 10 - 500 Hz

15 g at 11 ms amplitude semi-sinusoidal

Operating life 1,000,000 Cycles B10 1,300,000 Cycles

RoHS compliant Yes
REACH compliant Yes
Demontage möglich No

> mounting diameters

Mounting depth 9.2 mm
Outside dimension, width 17.75 mm
Outside dimension, height 17.35 mm

> mechanical data

Contact function 1 NC

Contact system Bridge contact

Yes

Contact material Gold
Fixing Soldering
Terminal on the rear THT

Lötbarkeit

> electrical data

Rated voltage, min. 1 V
Rated current, min. 0 A
Rated current, max. 0.1 A
Rated power, max. 250 W