

RAFIX FS switching element emergency stop PCB, silver, for THT 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 internal plungers and therefore can only be combined with emergency stop and mushroom pushbuttons.

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	direct links
	Color	black	> RAFI eCatalog
	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	THT LED	
	Soldering	Manual / wave	

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Ravensburger Str. 128-134 88276 Berg / Ravensburg Germany www.rafi.de, info@rafi.de technical data sheet

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	Solder heat resistance according to standard	DIN EN 60068-2-20	
	Vibration-resistance according to standard IEC 600068-2-6	5 g at 10 - 500 Hz	
	Shock resistance according to standard IEC 60068-2-27	50 g at 11 ms amplitude semi-sinusoidal	
	Packaging unit	30 pcs.	
	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	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	
	Contact material	Silver	
	Fixing	Soldering	
	Terminal on the rear	ТНТ	
	Lötbarkeit	Yes	
>	electrical data		
	Rated insulation voltage	250 V	
	Rated operating current I, AC15	120 V / 3 A	
	B300	240 V / 1,5 A	
		I _{the} : 5 A	
	Rated operating current I, DC13	120 V / 0,55 A	
	Q300	240 V / 0,27 A	
		I _{the} : 2,5 A	

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