

RAFIX 22 FS⁺, emergency stop, reset by pulling



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction
- > Handheld terminals
- > Industrial robots

special features

- > Emergency stop in classic design
- > Small installation depth 9.2 mm (PCB) or 27 mm (QC)
- > Connection types: printed circuit board connection (PCB) or flat quick-connect terminals (QC)
- > PCB switching elements minimize assembly errors
- > Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- > Protection class: at least IP 65 front side











description

RAFIX control components are defined by RAFI as modular elements, including of actuator element, coupling if necessary and individual contact or lighting element.

Actuators (such as pushbuttons, emergency-stop pushbuttons, etc.) have the specified tactility, reset and general function only in combination with the appropriate contact elements.

The emergency stop buttons correspond to IEC 60 947 and VDE 0113 Part 1. Thanks to a forcibly actuated mechanical motion sequence, they are dupe-proof in accordance with DIN EN ISO 13850. In order to prevent unintentional actuation, a tactile feedback must be overcome. The key switch locks into the pressed position.

The design of the actuator protects the emergency stop button from interlocking. This means that an initiated emergency stop procedure cannot be interrupted by jamming objects.

Only use with the emergency stop switching element.

The illuminated version is illuminated through a central round window.

technical data

> general

Bezel color

illuminated No

Collar shape round Operating temperature, min. -25 °C Operating temperature, max. 70 °C

direct links

> RAFI eCatalog

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RAFI GmbH & Co. KG



Storage temperature, min.

-40 °C

Storage temperature, max.

80 °C

Packaging

Box

Packaging unit

2 pcs.

net weight

17 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 50,000 Cycles B10 65,000 Cycles

Degree of protection, front side,

according to DIN EN 60529

UL Enclosure Type Rating front type 1 side type 4X

Salt-spray resistance according to

standard

IEC 60068-2-11

IP65

RoHS compliant

REACH compliant

Yes

Demontage möglich

No

Degree of protection, front side,

IP6K9K

according to ISO 20653

MOQ order 10

> mounting diameters

Mounting hole 22.3 mm Mounting depth 9.2 mm Installation height 33.2 mm Grid, min. 35 x 35 mm Outside dimension, length 29.8 mm Outside dimension, width 29.8 mm Outside dimension, height 42.1 mm Collar dimension ø 29,8 mm

> mechanical data

Actuation function latching

Operating force, max. 100 N

Resetting by pulling

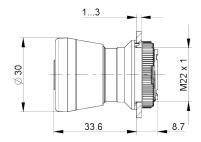
Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

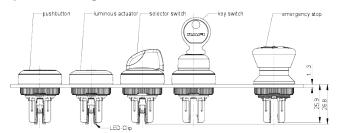


drawings

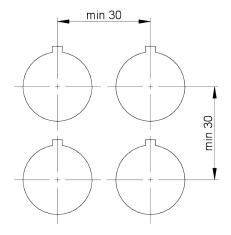
Dimensioned drawing



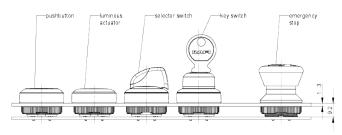
System drawing



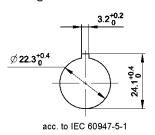
front panel drawing



System drawing



Mounting hole drawing





mounting

RAFIX 16, RAFIX 22 FS+, RAFIX 22 FSR, RAFIX 22 QR

Betriebsanleitung Not-Halt-Befehlsgeräte

Operating Instructions EMERGENCY STOP Control Units

Mode d'emploi auxiliaires de commande d'ARRÉT D'URGENCE

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2. General description and intended use

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(TD) 3. Product description

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RAFI GmbH & Co. KG

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