## 1.30.270.005/2308



# RAFIX 22 FS<sup>+</sup>, illuminated pushbutton with protective cap, round collar, momentary contact function, frontring silver gray, bezel red



#### fields of application

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

#### special features

- ➤ Mounting hole diameter: 22.3 mm according to IEC 60947
- Mounting depth just 9.2 mm (with PCB switching element) or 27 mm (QC switching element)
- Min. degree of protection IP65 according to DIN EN 60529
- > 2 collar shapes, round or square
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- The switching elements for printed circuit boards (PCBs) can be combined with other components on a printed circuit board.
- > Switching elements with quick-connect terminal (QC) and LED clip for illumination
- With the short-travel adapter, compatible with the MICON 5 tactile switch as a switching element
- > Legending on request











# 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.

Illuminated pushbutton, with protective cap for use in more difficult environmental conditions.

## technical data

> general

illuminated Yes Bezel color red

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

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direct links

> RAFI eCatalog

Front ring color silver gray

Collar shape round

Operating temperature, min. -25 °C

Operating temperature, max. 70 °C
Storage temperature, min. -40 °C
Storage temperature, max. 80 °C
Packaging Box
Packaging unit 10 pcs.

Environment resistance IEC 60068-2-14

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

IEC 60068-2-11

Operating life 1,000,000 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

RoHS compliant Yes
REACH compliant Yes
Demontage möglich No

Degree of protection, front side,

according to ISO 20653

IP6K9K at 23°C water temperature

#### > mounting diameters

Mounting hole 22.3 mm Mounting depth 9.2 mm Installation height 9.85 mm Grid, min. 30 x 30 mm 29.8 mm Outside dimension, length Outside dimension, width 29.8 mm Outside dimension, height 20.7 mm Collar dimension ø 29,8 mm

#### > mechanical data

Actuation function momentary contact function

Operating force, max. 100 N Operating travel, max. 4 mm

Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

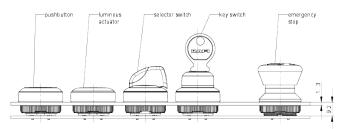
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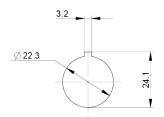


## drawings

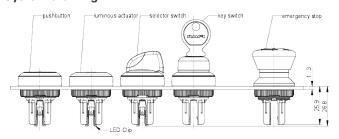
#### System drawing



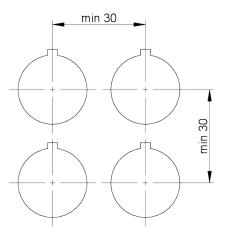
#### Mounting hole drawing



#### System drawing



#### front panel drawing



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