# RAFIX 22 FS<sup>+</sup>, illuminated pushbutton, flat bezel, round collar, latching, frontring metallic silver, bezel white

## Description

Pushbutton with translucent bezel. In combination with a corresponding switching element, the bezel can be fully illuminated.

## technical data

### > general

| | | |
|---|---|---|
| Disassembly possible | no | |
| Bezel color | white | |
| Property of bezel / mushroom | translucent | |
| Front ring color | metallic silver | |
| Collar shape | round | |
| Operating temperature, min. | -25 °C | |
| Operating temperature, max. | 70 °C | |
| Storage temperature, min. | -40 °C | |
| Storage temperature, max. | 80 °C | |
| illuminated | Yes | |
| Packaging | Box | |
| Packaging unit | 10 pcs. | |
| net weight | 6.4 g | |
| Operating life | 500,000 cycles | |
| B10 | 650,000 cycles | |
| Degree of protection, front side, according to DIN EN 60529 | IP65 | |
| UL Enclosure Type Rating front side | type 1 type 4X indoor | |
| Environment resistance | IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78 | |
| Salt-spray resistance according to standard | IEC 60068-2-11 | |
| Minimum order quantity (MOQ) | 10 pcs. | |
| RoHS compliant | Yes | |
| REACH compliant | Yes | |
| country of origin | HU | |

### > mounting diameters

| | | |
|---|---|---|
| Outside dimension, length | 29.8 mm | |

**direct links**

> RAFI eCatalog

| | |
|---|---|
| Outside dimension, width | 29.8 mm |
| Outside dimension, height | 18.5 mm |
| Mounting hole | 22.3 mm |
| Mounting depth | 9.2 mm |
| Installation height | 9.85 mm |
| Grid, min. | 30 x 30 mm |
| Collar dimension | ø 29,8 mm |

> **mechanical data**

| | |
|---|---|
| Actuation function | latching |
| Operating force, max. | 100 N |
| Operating travel, max. | 4 mm |
| Fixing | Threaded ring |
| Threaded ring torque, max. | 1.2 Nm |

> **Specifications according to UL 60947**

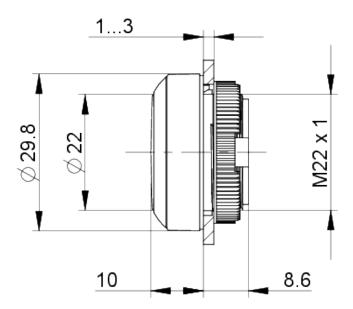| | |
|---|---|
| UL Enclosure Type Rating front | type 1 |
| side | type 4X indoor |

## Use according to UL:

RAFIX control devices are defined at RAFI as modular elements, consisting of an actuating element, if necessary a coupling and an individual contact or lighting unit.

Actuating elements (such as pushbuttons, emergency stop actuators, etc.) have the intended tactility, reset and function only when assembled with the appropriate switching elements.
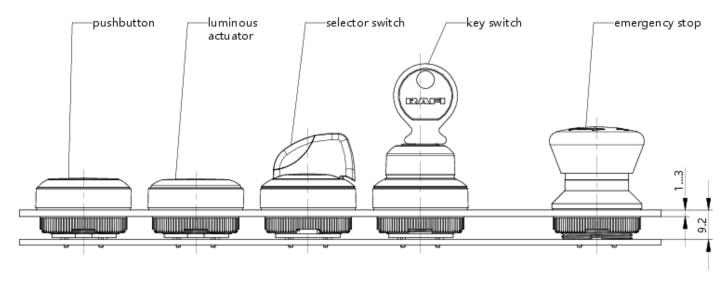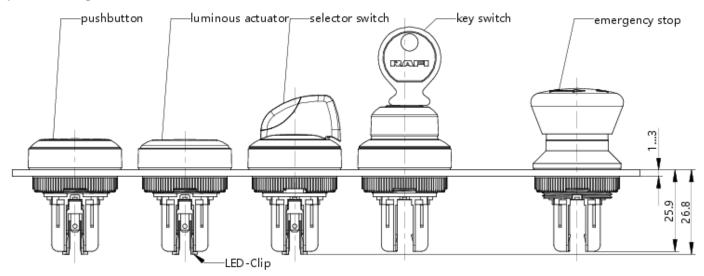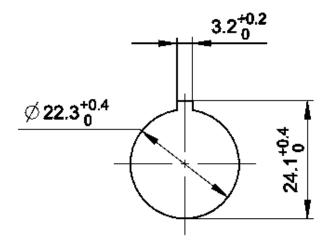
## drawings

### Dimensioned drawing



### System drawing



pushbutton | luminous actuator | selector switch | key switch | emergency stop

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## System drawing

pushbutton — luminous actuator — selector switch — key switch — emergency stop

LED-Clip

1...3

25.9

26.8

## Mounting hole drawing

$\varnothing 22.3^{+0.4}_{0}$

$3.2^{+0.2}_{0}$

$24.1^{+0.4}_{0}$

acc. to IEC 60947-5-1

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**front panel drawing**

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