# RAFIX 22 FS+, mushroom pushbutton 40 mm, momentary contact function, frontring slate gray, Mushroom head red



## Description

The RAFIX 22 FS+ mushroom-head pushbuttons, with a 40 mm mushroom diameter, are available in illuminated and non-illuminated versions. The illuminated mushroom-head pushbuttons feature a round window in the center. The 40 mm mushroom-head pushbuttons are momentary-action and are installed in conjunction with the RAFIX FS+ universal switching elements.

## technical data

### general

| | |
|---|---|
| Disassembly possible | no |
| Color of mushroom | red |
| Property of bezel / mushroom | opaque |
| Collar color | slate gray |
| Front ring color | slate gray |
| Collar shape | round |
| Operating temperature, min. | -25 °C |
| Operating temperature, max. | 70 °C |
| Storage temperature, min. | -40 °C |
| Storage temperature, max. | 80 °C |
| illuminated | No |
| Packaging | Box |
| Packaging unit | 10 pcs. |
| Operating life | 1,000,000 cycles |
| B10 | 1,300,000 cycles |
| Degree of protection, front side, according to DIN EN 60529 | IP65 |
| Environment resistance | IEC 60068-2-14<br>IEC 60068-2-30<br>IEC 60068-2-78 |
| Shock resistance according to standard IEC 60068-2-27 | 15 g at 11 ms amplitude semi-sinusoidal |
| Vibration resistance according to standard IEC 60068-2-6 | 5 g at 10 - 500 Hz |
| Vibration resistance according to standard IEC 60068-2-64 | 5 g at 10 - 500 Hz |
| Salt-spray resistance according to standard | IEC 60068-2-11 |
| Chemical resistance according to standard | ISO 16750-5 |
| UV resistance according to ISO 4892-2 | Method A: Artificial weathering |

**direct links**

RAFI eCatalog

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| | |
|---|---|
| Minimum order quantity (MOQ) | 10 pcs. |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| Country of origin | HU |
| **› mounting diameters** | |
| Outside dimension, length | 39.5 mm |
| Outside dimension, width | 39.5 mm |
| Outside dimension, height | 31.4 mm |
| Mounting hole | 22.3 mm |
| Mounting depth | 9.2 mm |
| Installation height | 22.8 mm |
| Grid, min. | 45 x 45 mm |
| Collar dimension | ø 29,8 mm |
| **› mechanical data** | |
| Fixing | Threaded ring |
| Actuation function | momentary contact function |
| Operating force, max. | 100 N |
| Operating travel, max. | 4 mm |
| 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.

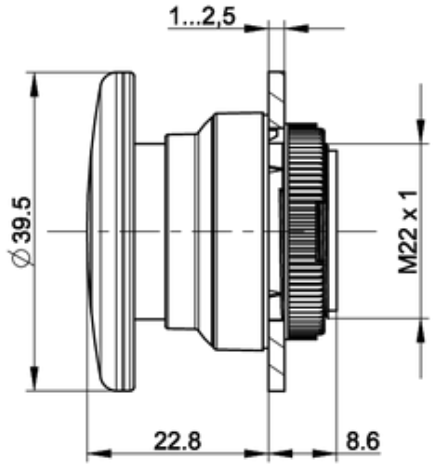
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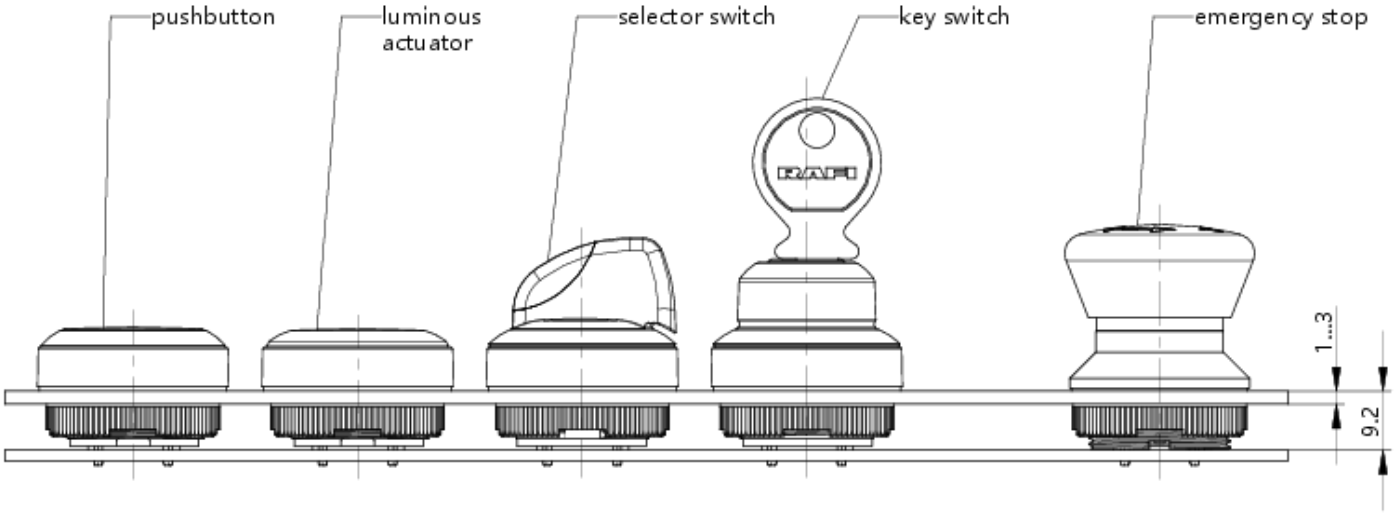
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## drawings

### Dimensioned drawing




### System drawing

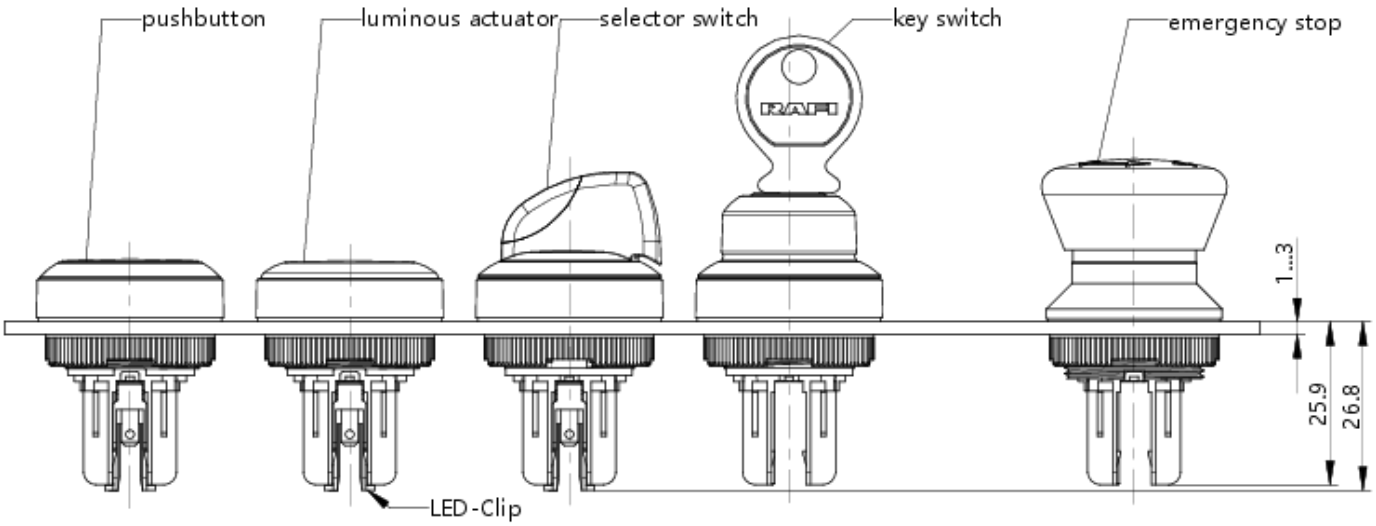



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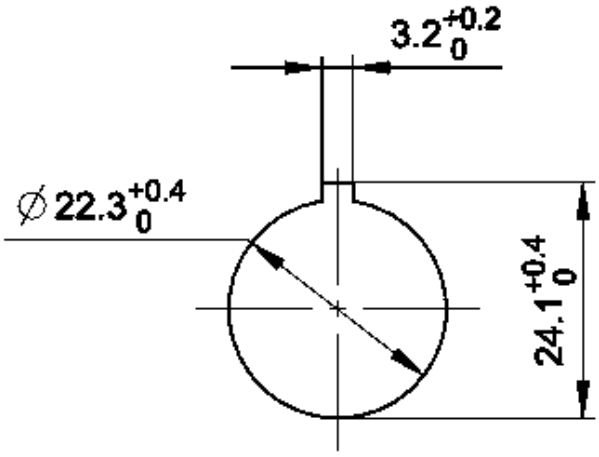

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## System drawing




## Mounting hole drawing




acc. to IEC 60947-5-1

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