

RAFIX 22 FSR, illuminated selector switch, round collar, frontring black, 2 x 60°, latching, illuminable



Description

The translucent handle marking can be illuminated if combined with a corresponding switching element.

For colored illumination of the handle marking, please use colored LEDs.



technical data

› general

| | |
|---|--|
| Disassembly possible | no |
| Front ring color | black |
| Collar shape | round |
| Operating temperature, min. | -40 °C |
| Operating temperature, max. | 85 °C |
| Storage temperature, min. | -40 °C |
| Storage temperature, max. | 85 °C |
| illuminated | Yes |
| Packaging | Box |
| Packaging unit | 10 pcs. |
| Net weight | 14 g |
| Operating life | 300,000 cycles |
| B10 | 390,000 cycles |
| Degree of protection, front side, according to DIN EN 60529 | IP65 |
| Degree of protection, front side, according to ISO 20653 | IP69 |
| 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 |
| Impact resistance IK | 06 |
| Minimum order quantity (MOQ) | 10 pcs. |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| Country of origin | HU |

direct links

› RAFI eCatalog

› mounting diameters

| | |
|---------------------------|---------|
| Outside dimension, length | 31.3 mm |
| Outside dimension, width | 31.3 mm |

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 may 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 are 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.

date: Oct 11, 2025 page: 1/4

RAFI GmbH & Co. KG

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

| | |
|---------------------------|------------|
| Outside dimension, height | 32.4 mm |
| Mounting hole | 22.3 mm |
| Mounting depth | 9.2 mm |
| Installation height | 23.8 mm |
| Grid, min. | 32 x 32 mm |
| Collar dimension | ø 31,3 mm |

> mechanical data

| | |
|----------------------------|---------------|
| Fixing | Threaded ring |
| Actuation function | latching |
| Operating torque, max. | 2 Nm |
| Threaded ring torque, max. | 1.2 Nm |
| Rotating angle | 2 x 60° |

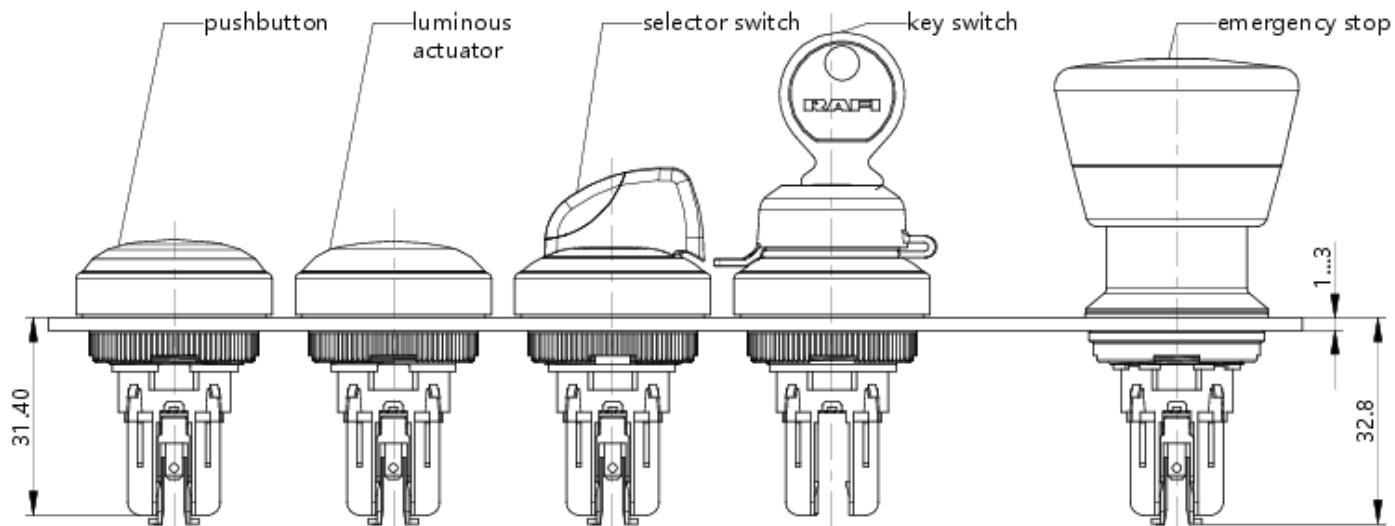
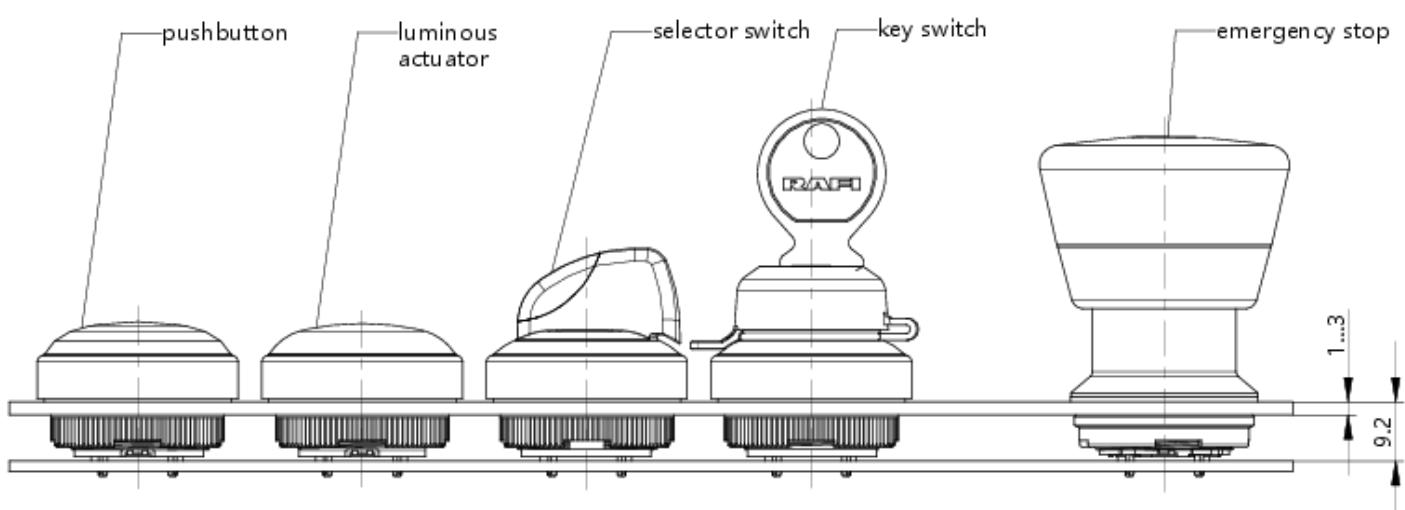
> Specifications according to UL 60947

| | |
|--------------------------------|----------------|
| 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.

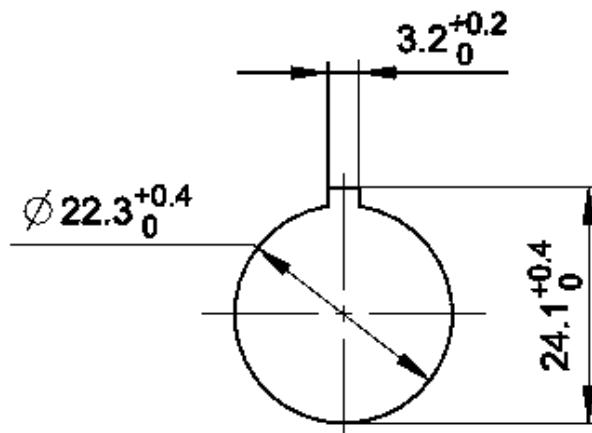
drawings**System drawing****System drawing**

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 may 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.

date: Oct 11, 2025 page: 3/4

RAFI GmbH & Co. KG

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

Mounting hole drawing

acc. to IEC 60947-5-1

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 may 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.

date: Oct 11, 2025 **page:** 4/4

RAFI GmbH & Co. KG

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