

RAFIX 22 FSR, illuminated selector switch, round collar, frontring black, 1 x 90°, shape V, latching, illuminable



fields of application

- Measurement-control-regulation
- Mechanical and system engineering
- Agricultural and forestry machinery
- Construction machinery

special features

- Selector switch with illuminated twist grip marking
- Illumination of the twist grip marking with SMT LED
- Colored illumination with colored LEDs possible
- Low installation depth 9.2 mm (PCB) or 27 mm (QC)
- Connection types: printed circuit board connection (PCB) or plug-in connection (QC)
- PCB switching elements minimize mounting errors
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- Degree of protection: IP 65 at the front



description

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.

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
Storage temperature, min.	-40 °C
Operating temperature, max.	85 °C
Storage temperature, max.	85 °C
illuminated	Yes
Packaging	Box
Packaging unit	10 pcs.
net weight	14.0 g
Operating life	300,000 cycles
B10	390,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP65 IP69
Degree of protection, front side, according to ISO 20653	IPx9K
UL Enclosure Type Rating front side	type 1 type 4X
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
MOQ order	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes

> mounting diameters

Mounting hole	22.3 mm
Mounting depth	9.2 mm
Installation height	23.8 mm
Grid, min.	35 x 35 mm
Outside dimension, length	31.3 mm
Outside dimension, width	31.3 mm
Collar dimension	ø 31,3 mm

> mechanical data

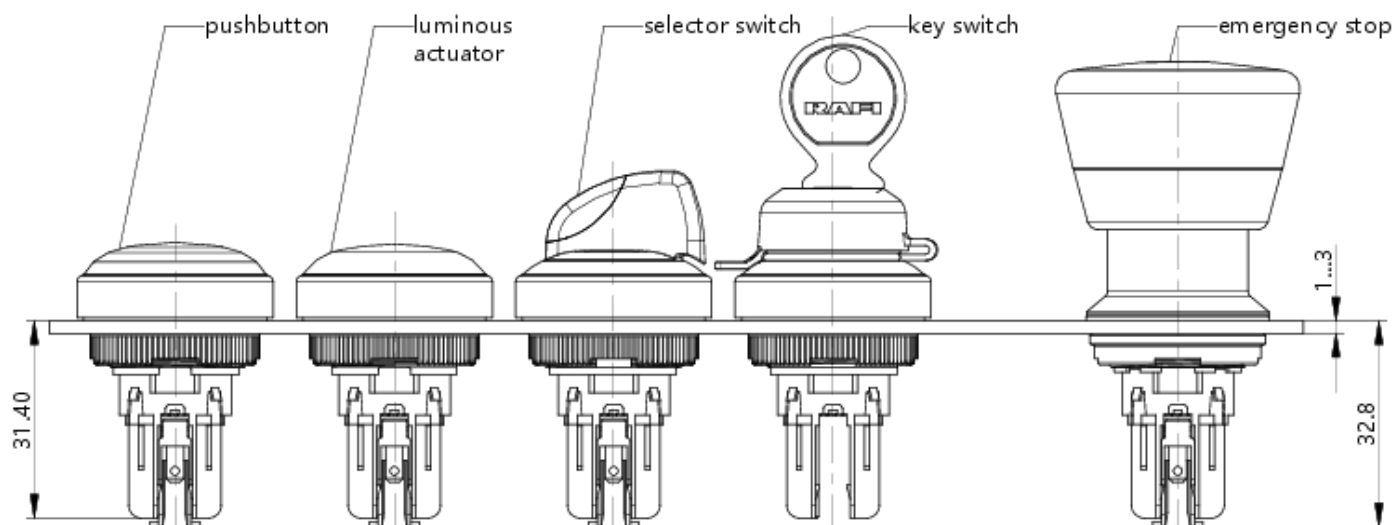
Actuation function	latching
Operating torque, max.	2 Nm
Rotating angle	1 x 90°, shape V
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

direct links

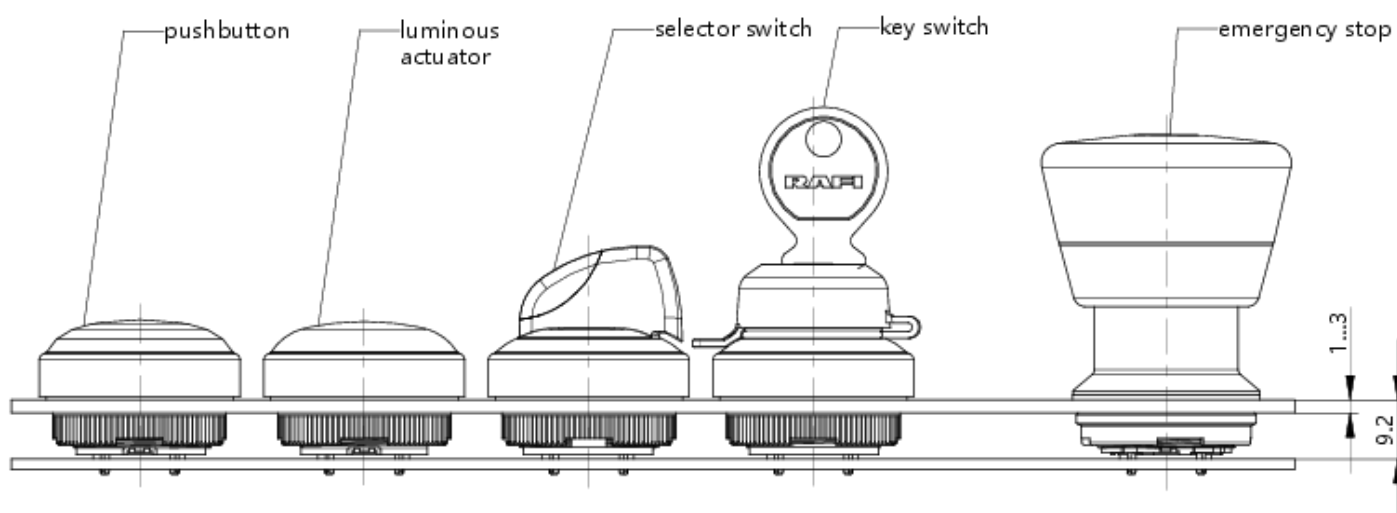
> [RAFI eCatalog](#)

drawings

System drawing



System drawing



front panel drawing

