# 1.30.282.201/2201



# 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
- > Colored illumination with colored LEDs
- > 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 / IP 69K front side









## 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 Front ring color black

Collar shape round -40 °C Operating temperature, min.

direct links

> RAFI eCatalog

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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 IP69

Degree of protection, front side, IPx9K

according to ISO 20653

UL Enclosure Type Rating front type 1

side type 4X indoor
Environment resistance IEC 60068-2-14
IEC 60068-2-30
IEC 60068-2-33
IEC 60068-2-78

IEC 60068-2-11

Salt-spray resistance according to

standard

Impact resistance IK06MOQ order10 pcs.RoHS compliantYesREACH compliantYes

#### > mounting diameters

Outside dimension, length 31.3 mm Outside dimension, width 31.3 mm Outside dimension, height 32.4 mm 22.3 mm Mounting hole Mounting depth 9.2 mm Installation height 23.8 mm 32 x 32 mm Grid, min. Collar dimension ø 31,3 mm

#### > mechanical data

Actuation function latching
Operating torque, max. 2 Nm

Rotating angle  $1 \times 90^{\circ}$ , shape V Fixing Threaded ring

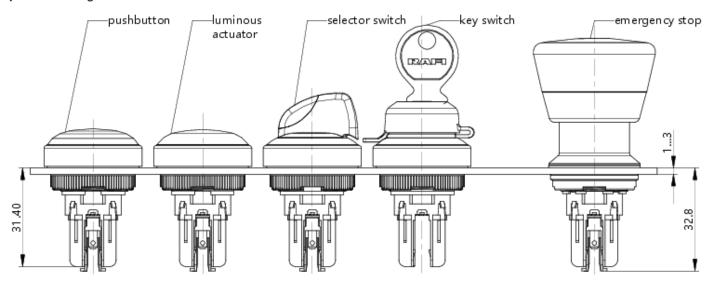
Threaded ring torque, max. 1.2 Nm

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# drawings

#### System drawing



#### System drawing

