

RAFIX 22 FS⁺, mushroom pushbutton, latching, Mushroom head black



fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Vehicle construction
- > Handheld terminals
- > Industrial robots

special features

- > Low mounting 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
- > 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 shape and function of the mushroom pushbutton correspond to those of an emergency stop, but has no red actuator (mushroom) and no yellow collar.

Only use with the emergency stop switching element.

The mushroom pushbutton Plus 1 must be used with the emergency stop Plus 1 switching elements (PCB: 1.20.126.414/0000 or QC: 1.20.126.514/0000).

The illuminated version is illuminated through a central round window.

technical data

> general		
Disassembly possible	no	direct links
Color of mushroom	black	> RAFI eCatalog
Property of bezel / mushroom	opaque	
Collar color	black	
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	

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Packaging Box
Packaging unit 2 pcs.
net weight 17 g

Operating life 50,000 cycles B10 65,000 cycles

Degree of protection, front side, according to DIN EN 60529

UL Enclosure Type Rating front type 1

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

IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78

IEC 60068-2-11

Salt-spray resistance according to

standard

4.0

IP65

MOQ order 10 pcs.

RoHS compliant Yes

REACH compliant Yes

> mounting diameters

Outside dimension, length 29.8 mm Outside dimension, width 29.8 mm Outside dimension, height 42.1 mm Mounting hole 22.3 mm Mounting depth 9.2 mm Installation height 33.2 mm Grid, min. 35 x 35 mm Collar dimension ø 29,8 mm

> mechanical data

Actuation function latching

Operating force, max. 100 N

Resetting by pulling

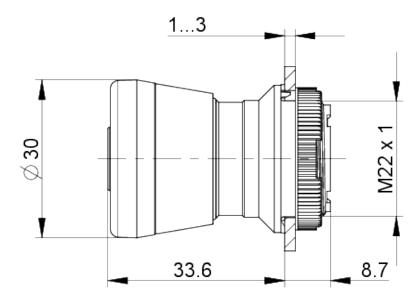
Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

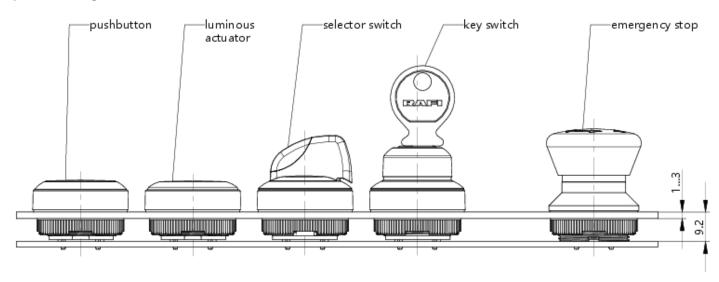


drawings

Dimensioned drawing

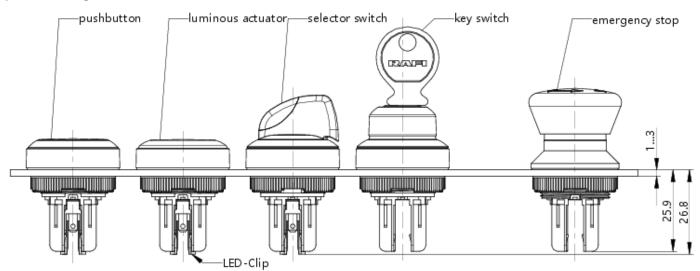


System drawing

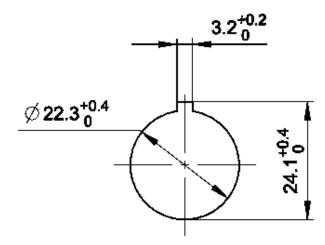




System drawing



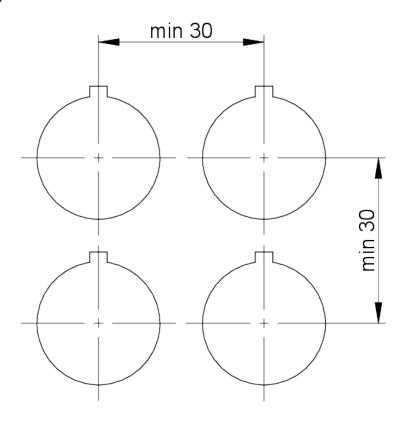
Mounting hole drawing



acc. to IEC 60947-5-1



front panel drawing



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