

RAFIX 22 FSR, emergency stop, round collar, plastic mushroom head, reset by pulling



fields of application

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

special features

- Emergency stop in classic design
- Small installation depth 9.2 mm (PCB) or 27 mm (QC)
- Connection types: printed circuit board connection (PCB) or flat quick-connect terminals (QC)
- PCB switching elements minimize assembly errors
- Switching elements with silver contacts (max. 250 V/4 A) or gold contacts (max. 35 V/100 mA)
- Protection class: at least IP 65 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 emergency stop buttons correspond to IEC 60 947 and VDE 0113 Part 1. Thanks to a forcibly actuated mechanical motion sequence, they are dupe-proof in accordance with DIN EN ISO 13850. In order to prevent unintentional actuation, a tactile feedback must be overcome. The key switch locks into the pressed position.

The design of the actuator protects the emergency stop button from interlocking. This means that an initiated emergency stop procedure cannot be interrupted by jamming objects.

Only use with the emergency stop switching element.

The illuminated version is illuminated through a central round window.

technical data

➤ general

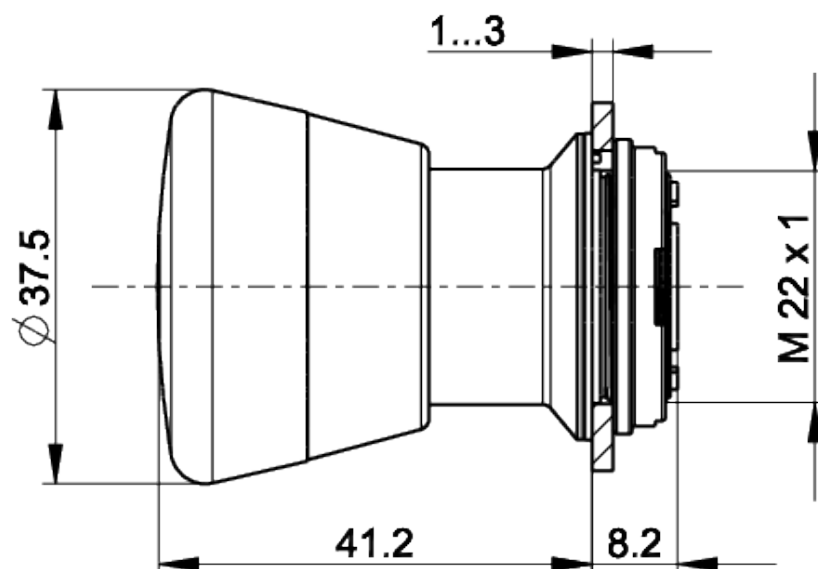
Disassembly possible	no
Color of mushroom	red
Property of bezel / mushroom	opaque

Collar shape	round
Operating temperature, min.	-40 °C
Storage temperature, min.	-40 °C
Operating temperature, max.	85 °C
Storage temperature, max.	85 °C
illuminated	No
Packaging	Box
Packaging unit	2 pcs.
net weight	15.7 g
Operating life	10,000 cycles
B10	13,000 cycles
B10d	26,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP65 IP67 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	2 pcs.
RoHS compliant	Yes
REACH compliant	Yes
➤ mounting diameters	
Mounting hole	22.3 mm
Mounting depth	9.2 mm
Installation height	41.1 mm
Grid, min.	40 x 40 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 force, max.	100 N
Resistance to force on the side	750 N
Resetting	by pulling
Fixing	Threaded ring
Threaded ring torque, max.	2 Nm

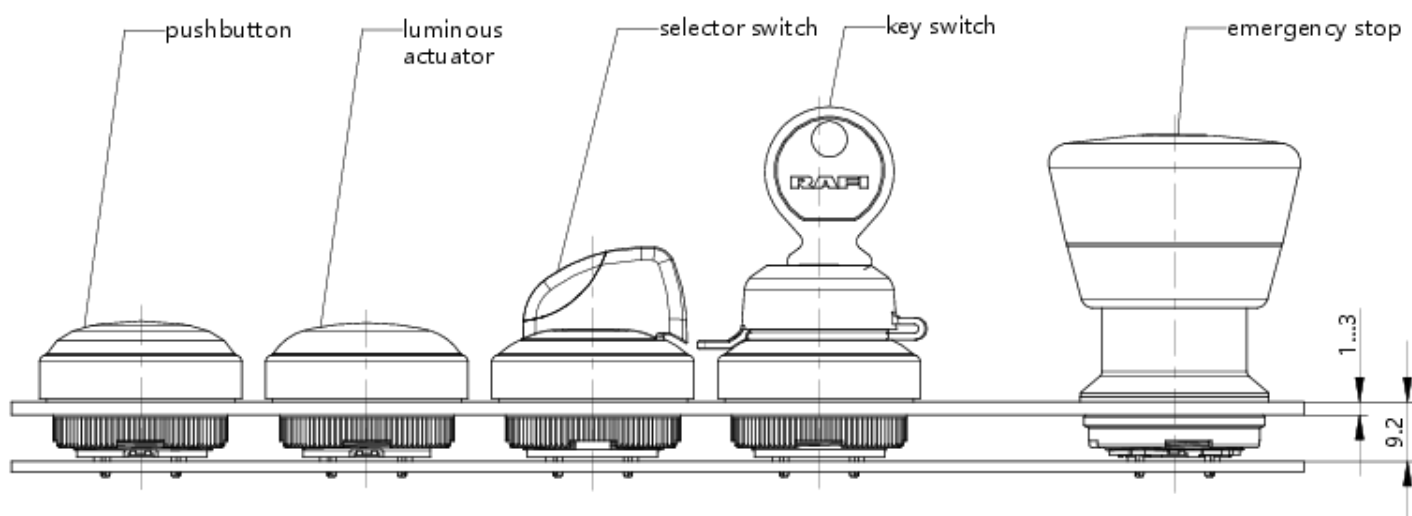
direct links
[➤ RAFI eCatalog](#)

drawings

Dimensioned drawing



System drawing



System drawing

