

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



fields of application

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

special features

- › Not-Halt in klassischer Bauform
- › Geringe Einbautiefe 9,2 mm (PCB) bzw. 27 mm (QC)
- › Anschlussarten: Leiterplattenanschluss (PCB) oder Steckanschluss (QC)
- › Die PCB-Schaltelemente minimieren Montagefehler
- › Schaltelemente mit Silberkontakten (max. 250 V/4 A) oder Goldkontakten (max. 35 V/100 mA)
- › Schutzgrad: IP 65 frontseitig



description

RAFIX control components are defined by RAFI as modular elements, including of actuator element, coupling if necessary and individual contact or lighting element.

Actuators (such as pushbuttons, emergency-stop pushbuttons, etc.) have the specified tactility, reset and general function only in combination with the appropriate contact 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

illuminated	No
Bezel color	red
Collar shape	round
Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	85 °C
Packaging	Box
Packaging unit	2 pcs.
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78
Operating life	10,000 Cycles
Degree of protection, front side, according to DIN EN 60529	IP65 IP67 IP69
UL Enclosure Type Rating front side	type 1 type 4X
Salt-spray resistance according to standard	IEC 60068-2-11
RoHS compliant	Yes
REACH compliant	Yes
Demontage möglich	No
Degree of protection, front side, according to ISO 20653	IP6K9K
MOQ order	2

> 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

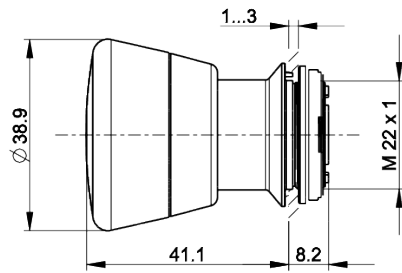
Actuation function	latching
Operating force, max.	100 N
Resistance to force on the side	750 N
Resetting	by pulling
Fixing	Threaded ring
Threaded ring torque, max.	2 Nm

direct links

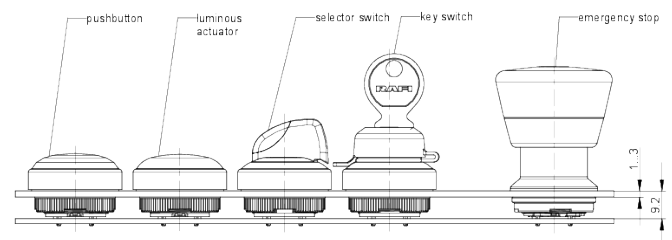
> [RAFI eCatalog](#)

drawings

Dimensioned drawing



System drawing



System drawing

