

RAFIX 22 QR, emergency stop, reset by pulling



fields of application

- Measurement-control-regulation
- Electrical engineering
- Mechanical and system engineering
- Vehicle construction

special features

- Opaker Pilz
- Optionen: Schlüssel, mechanische Schaltstellungsanzeige, beleuchtbares Fenster, Entsperrung durch Ziehen
- Robust – auch für die Bedienung mit Handschuhen geeignet
- Zusätzlicher Verdrehschutz durch Gewinding mit Krallen
- Fest angespritzte Bunddichtung, kann beim Einbau nicht verdrehen und nicht verloren werden.
- 1-Personen-Montage: das Element wird von der Dichtung in der Einbauöffnung festgeklemmt und kann dann von hinten verschraubt werden.
- Schutzgrad: IP 65 frontseitig
- Einbaudurchmesser 22,3 mm
- Separate Schaltelemente erforderlich
- Enge Anreihung der Betätiger möglich (min. 30 x 60 mm), da Verdrahtungsaufwand axial von hinten
- Schaltelemente mit Silberkontakten (max. 400 V) oder Goldkontakten (max. 35 V / 100 mA)
- Anschlussarten Schaltelemente: Käfigzugfeder, Schraubanschluss oder Steckanschluss



description

RAFIX control units are modular units consisting of several parts. In the RAFIX 22 QR family, they always consist of an actuating element, coupling and switching element. For assembly, the switching elements and lamp sockets are first snapped into the coupling. Then this unit is snapped onto the emergency stop. To release it, a bayonet lever must be actuated.

The emergency stop pushbuttons comply with IEC 60 947 and VDE 0113 Part 1. They are protected against unauthorized actuation by a positively guided mechanical movement sequence in accordance with DIN EN ISO 13850. To protect against accidental actuation, a pressure point must be overcome. The pushbutton engages in the pressed position. Due to the shape of the actuating element, the emergency stop pushbutton is protected against blocking. This means that an initiated emergency stop process cannot be interrupted by jamming objects.

Switching position indicator: When not actuated, a green ring is visible on the side.

Emergency stop actuators have the specified tactility and function only when assembled with the appropriate switching elements. Use lamp socket / LED element. A maximum of two switching elements (several contacts) may be used. The middle coupling position may only be used for lighting purposes.

technical data

> general

Color of mushroom	red
Collar shape	round
Operating temperature, min.	-25 °C
Storage temperature, min.	-40 °C
Operating temperature, max.	70 °C
Storage temperature, max.	80 °C
illuminated	No
Packaging	Box
Packaging unit	2 pcs.
net weight	35.7 g
Operating life	100,000 cycles
B10	130,000 cycles
B10d	260,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP65
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78
MOQ order	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes

direct links

> [RAFI eCatalog](#)

> mounting diameters

Mounting hole	22.3 mm
Mounting depth	56.4 mm

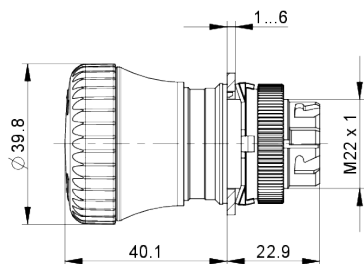
Installation height	40.1 mm
Grid, min.	50 x 50 mm
Outside dimension, length	29.8 mm
Outside dimension, width	29.8 mm
Outside dimension, height	63 mm
Collar dimension	ø 29,8 mm

> mechanical data

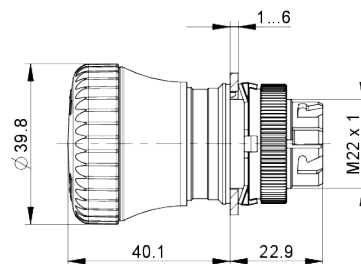
Actuation function	latching
Operating force, max.	100 N
Operating force, min.	5 N
Resetting	by pulling
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

drawings

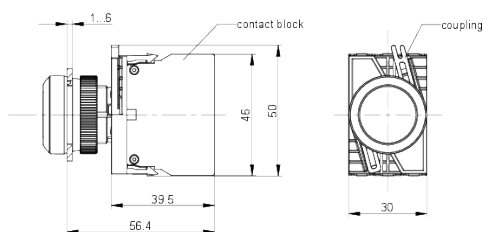
Dimensioned drawing



Dimensioned drawing



System drawing



front panel drawing

