

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, Ensperrung durch Ziehen
- > Robust auch für die Bedienung mit Handschuhen geeignet
- > Zusätzlicher Verdrehschutz durch Gewindering mit Kralle
- > 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	direct links
Collar shape	round	> RAFI eCatalog
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	
> mounting diameters		
Mounting hole	22.3 mm	

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56.4 mm

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Mounting depth



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

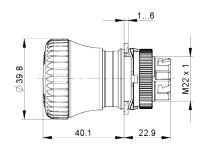
Resetting by pulling Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

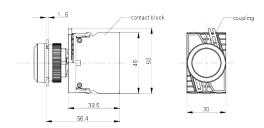


drawings

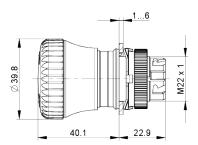
Dimensioned drawing



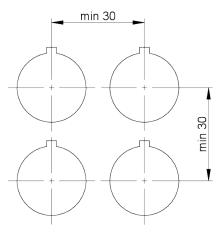
System drawing



Dimensioned drawing



front panel drawing





mounting

RAFIX 16, RAFIX 22 FS+, RAFIX 22 FSR, RAFIX 22 QR

Betriebsanleitung Not-Halt-Befehlsgeräte

Operating Instructions EMERGENCY STOP Control Units

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2. General description and intended use

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2. Description generale et application conforme aux prescriptions

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(TD) 3. Product description

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