

# RAFIX 22 QR, mushroom pushbutton 40 mm, round collar, momentary contact function, frontring slate gray, Mushroom head red



#### fields of application

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

#### special features

- > Opaque mushroom, not illuminable
- > Mushroom diameter 40 mm
- > Design customization through different front ring colors
- > Firmly molded collar seal, can not twist and lost during installation.
- > 1-person mounting: the element is clamped by the seal in the mounting hole and can then be screwed from behind.
- > Robust suitable also for operation with gloves
- > Degree of protection: IP 65 at the front
- > Mounting diameter 22.3 mm
- > Separate switching elements required
- > Close mounting of actuators possible (min. 30 x 50 mm), since wiring is axial from behind
- > Switching elements with silver contacts (max. 400 V) or gold contacts (max. 35 V / 100 mA)
- > Connection types switching elements: cage clamp, screw connection or plug-in connection









#### 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, or of a light attachment, coupling, and lamp socket. For assembly, the switching elements and lamp holders are first snapped into the coupling. Then this unit is snapped onto the actuating element or the signal lamp. To release, a bayonet lever must be actuated.

Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility and function only when assembled with the appropriate switching elements. For illuminated actuators and illuminated attachments, please use a lamp socket / LED element as the middle element in the coupling.

For RAFIX 22 QR actuating elements, you can choose between two collar shapes: round and square. The mounting diameter is 22.3 mm according to the standard. The anti-rotation lug can be easily removed with a screwdriver if necessary.

#### Additional information according to UL certificate:

> These devices should be mounted in an overall enclosure with sufficient stability and with the specified clearances.

#### technical data

>	general
/	generai

Color of mushroom red Front ring color slate gray

Collar shape round -25 °C Operating temperature, min. 70 °C Operating temperature, max. Storage temperature, min. -40 °C 80°C Storage temperature, max. illuminated No Packaging Box Packaging unit 5 pcs. net weight

Operating life 1,000,000 cycles B10 1,300,000 cycles

Degree of protection, front side,

according to DIN EN 60529

Environment resistance IEC 60068-2-14

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

20.8 g

IP65

MOQ order 10 pcs. RoHS compliant Yes **REACH** compliant Yes

#### > mounting diameters

direct links

> RAFI eCatalog

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

RAFI GmbH & Co. KG



Outside dimension, length 40 mm Outside dimension, width 40 mm Outside dimension, height 43 mm Mounting hole 22.3 mm Mounting depth 56.4 mm Installation height 20.1 mm Grid, min. 50 x 30 mm Collar dimension ø 29,8 mm

> mechanical data

Actuation function momentary contact function

Operating force, max. 100 N

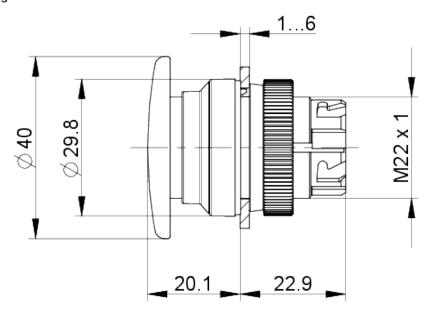
Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm



## drawings

#### **Dimensioned drawing**



#### System drawing

