

# RAFIX 22 FS<sup>+</sup>, illuminated mushroom pushbutton, latching, Mushroom head black



## Description

Rückstellung des betätigten Pilzes durch Ziehen.

The mushroom pushbuttons are protected against unintentional actuation by a positively driven mechanical movement sequence according to DIN EN ISO 13850. To protect against unintentional actuation, a pressure point must be overcome and the pushbutton engages in the pressed position. Exception: The versions 1.30.276.201/xxxx and 1.30.276.701/xxxx are momentary.

Due to the shape of the actuating element, the pushbutton is protected against blocking. This means that an initiated actuation process cannot be interrupted by jamming objects.

Use only with emergency stop switching element.

The illuminated versions are illuminated by a round central window.



## technical data

### > general

Disassembly possible	no
Color of mushroom	black
Property of bezel / mushroom	translucent
Collar color	black
Collar shape	round
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	80 °C
illuminated	Yes
Packaging	Box
Packaging unit	2 pcs.
Net weight	17.4 g
Operating life	50,000 cycles
B10	65,000 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
Salt-spray resistance according to standard	IEC 60068-2-11
Minimum order quantity (MOQ)	10 pcs.
RoHS compliant	Yes

### direct links

> [RAFI eCatalog](#)

REACH compliant	Yes
Country of origin	HU
<b>&gt; mounting diameters</b>	
Outside dimension, length	29.8 mm
Outside dimension, width	29.8 mm
Outside dimension, height	42.1 mm
Mounting hole	22.3 mm
Mounting depth	9.2 mm
Installation height	33.2 mm
Grid, min.	30 x 30 mm
Collar dimension	ø 29,8 mm
<b>&gt; mechanical data</b>	
Fixing	Threaded ring
Actuation function	latching
Operating force, max.	100 N
Threaded ring torque, max.	1.2 Nm
Resetting	by pulling
<b>&gt; Specifications according to UL 60947</b>	
UL Enclosure Type Rating front	type 1
side	type 4X indoor

### Use according to UL:

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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.

**drawings**

**Dimensioned drawing**



**System drawing**



**System drawing**



**Mounting hole drawing**



acc. to IEC 60947-5-1

front panel drawing

