RAFIX 16 F, illuminated pushbutton, flat bezel, square collar, bezel transparent



fields of application

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

special features

- Transparent panels, illuminable
- Lettering with inserts possible
- Flat construction
- Robust - also suitable for operation with gloves
- Degree of protection: IP 65 at the front
- Separate switching elements required
- Close mounting of actuators possible due to axial wiring from behind
- Switching elements with silver contacts (max. 250 V / 6 A) or gold contacts (max. 35 V / 0.25 A)
- Connection types: screw connection, plug-in connection, PCB plug-in socket

description

RAFIX command devices are modular units consisting of several parts. In the RAFIX 16 F product family, these always consist of an actuating element and a switching element, or an indicator lamp and a lamp socket. Actuating elements (such as pushbuttons or emergency stop actuators) have the specified tactility, reset and function only when assembled with the appropriate switching elements. For illuminated actuators, please use switching elements with lamp socket.

For RAFIX 16F actuators, you can choose between two collar shapes: round and square. Both are characterized by an extremely flat design. The round collar shape has an anti-rotation lug that can be easily removed with a screwdriver if necessary. The square actuators can be placed collar to collar to create a closed keypad.

technical data

general

Bezel color	transparent
Property of bezel / mushroom	transparent
Collar color	black
Collar shape	square
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	85 °C
illuminated	Yes

direct links

- RAFI eCatalog

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Packaging	Box
Packaging unit	10 pcs.
net weight	7.9 g
Operating life	2,000,000 cycles
B10	2,600,000 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	100 pcs.
RoHS compliant	Yes
REACH compliant	Yes

mounting diameters

Outside dimension, length	24.9 mm
Outside dimension, width	24.9 mm
Outside dimension, height	26.2 mm
Mounting hole	23.1 mm
Mounting depth	50 mm
Installation height	1.9 mm
Grid, min.	30 x 30 mm
Collar dimension	24,9 x 24,9 mm

mechanical data

Operating force, max.	100 N
Fixing	Threaded ring
Threaded ring torque, max.	1.2 Nm

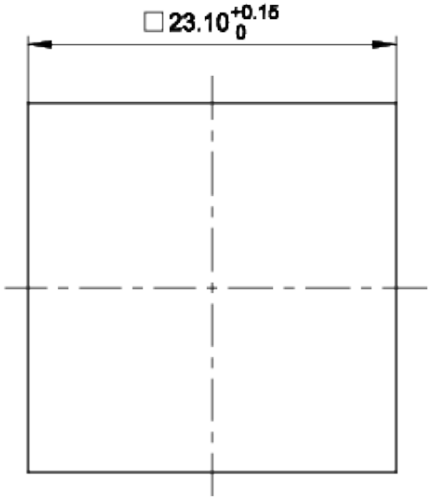
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drawings

Mounting hole drawing



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