### 1.30.070.001/1306



# RAFIX 16, illuminated pushbutton, flat bezel, square collar, bezel red



#### fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Industrial robots

#### special features

- > Robust also suitable for operation with
- > Optimal for switching large currents (max. 250 V / 6 A)
- > Actuators can be arranged in close rows, as wiring is required axially from behind
- > Degree of protection: IP 65 on front side
- > 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
- > Mounting diameter 16.2 mm
- > Illumination with LED possible, socket: W 2 x 4.6d





### description

RAFIX control devices are modular units consisting of several parts. In the RAFIX 16 family, they always consist of an actuating element and a switching element, or of 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.

With RAFIX 16 actuators, you can choose between three collar shapes: round, square or square side-by-side, where the pushbuttons can be lined up seamlessly. The mounting diameter is 16.2 mm according to the standard. The anti-rotation lug can be easily removed with a screwdriver if necessary.

#### technical data

> general		
Bezel color	red	direct links
Property of bezel / mushroom	transparent	> RAFI eCatalog
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	
Packaging	Box	

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. date: Feb 21, 2025 page: 1/3

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Packaging unit 10 pcs. net weight 6.3 g

 Operating life
 2,000,000 cycles

 B10
 2,600,000 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

IP65

MOQ order 100 pcs.

RoHS compliant Yes

REACH compliant Yes

> mounting diameters

Outside dimension, length
Outside dimension, width
Outside dimension, width
Outside dimension, height
Mounting hole
Mounting depth
Installation height
Outside dimension, height
A4.95 mm
A6.2 mm
A6.2 mm
A7.15 mm
A7.15 mm
A7.15 mm
A7.15 mm
A7.15 mm
A7.15 mm

Collar dimension 24,95 x 24,95 mm

> mechanical data

Operating force, max. 100 N
Operating travel, max. 3 mm

Fixing Threaded ring

Threaded ring torque, max. 1.2 Nm

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### drawings

#### Mounting hole drawing

