### 1.30.070.101/1505



# RAFIX 16, illuminated pushbutton, protruding bezel, square collar, bezel green



#### 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	green	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	

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Packaging unit 5 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

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

### > mounting diameters

Outside dimension, length 24.95 mm Outside dimension, width 24.95 mm Outside dimension, height 30.1 mm Mounting hole 16.2 mm Mounting depth 44.7 mm Installation height 10.9 mm Grid, min. 25 x 25 mm 24,95 x 24,95 mm

Collar dimension

> 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

