

RAFIX 16, illuminated pushbutton, flat bezel, round collar, bezel transparent



fields of application

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

special features

- > Robust - also suitable for operation with gloves
- > 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		direct links
Bezel color	transparent	> RAFI eCatalog
Property of bezel / mushroom	transparent	
Collar shape	round	
Operating temperature, min.	-25 °C	
Storage temperature, min.	-40 °C	
Operating temperature, max.	70 °C	
Storage temperature, max.	85 °C	
illuminated	Yes	

Packaging	Box
Packaging unit	10 pcs.
net weight	5.5 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	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes
> mounting diameters	
Mounting hole	16.2 mm
Mounting depth	44.7 mm
Installation height	7.15 mm
Grid, min.	25 x 25 mm
Outside dimension, length	24.95 mm
Outside dimension, width	24.95 mm
Outside dimension, height	26.35 mm
Collar dimension	ø 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

drawings**Mounting hole drawing**