RAFIX 16, standard switching element, gold, with lamp socket, quick-connect terminal, momentary contact function, for W 2 x 4.6d, 1 NC + 1 NO



fields of application

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

special features

- Suitable for pushbuttons, mushroom pushbuttons and toggle switches
- Safe switching due to oxidation-free gold contacts (max. 35 V / 0.25 A)
- Optional mt latching function for visible switch function
- Mounting by snapping onto actuator
- Disassembly by turning and pulling off
- Flat plug-in connections 2.8 x 0.8 mm (also with PCB plug-in base) or screw connection

description

RAFIX 16 standard switching elements are designed for pushbuttons. The switching elements are available with a momentary contact or latching function, so that latching pushbuttons can also be achieved.

technical data

general

Color	light gray
Operating temperature, min.	-25 °C
Operating temperature, max.	70 °C
Storage temperature, min.	-40 °C
Storage temperature, max.	85 °C
illuminated	Yes
Lamp socket	W 2 x 4.6d
Packaging unit	20 pcs.
net weight	10 g
Operating life	2,000,000 cycles
B10	2,600,000 cycles
Environment resistance	IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-33 IEC 60068-2-78
Shock resistance according to standard IEC 60068-2-27	50 g at 11 ms amplitude semi-sinusoidal
Vibration resistance according to standard IEC 60068-2-6	10 g at 20 - 500 Hz

direct links

- RAFI eCatalog

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Protection class	II
MOQ order	20 pcs.
RoHS compliant	Yes
REACH compliant	Yes

mounting diameters

Outside dimension, length	22.2 mm
Outside dimension, width	22.2 mm
Outside dimension, height	34.4 mm
Mounting depth	44.7 mm

mechanical data

Actuation function	momentary contact function
Operating force, max.	100 N
Operating travel, max.	3 mm
Contact function	1 NC + 1 NO
Contact system	Bridge contact
Contact material	Gold
Fixing	Latching
Solderability	No
Terminal on the rear	Flat quick-connect terminal 2.8 x 0.8
Connection marking	Normally Closed: 11/12, 21/22 Normally Open: 13/14, 23/24 Lamp: X1 (+), X2 (GND)

electrical data

Rated voltage, min.	0.02 V
Rated voltage, max.	35 V
Voltage type	AC / DC
Rated operating voltage	0.02-35 V
Rated current, min.	0.001 A
Rated current, max.	0.25 A
Power loss	0.00125 W

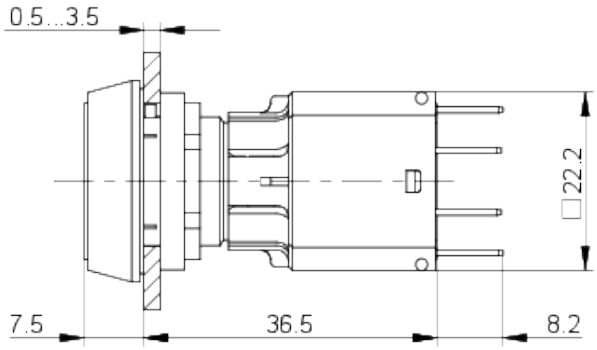
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drawings

System drawing



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