

RAFIX 16, standard switching element, gold, without lamp socket, quick-connect terminal, momentary contact function, 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 | No |
| 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 |
| Protection class | II |
| MOQ order | 20 pcs. |

direct links

- › [RAFI eCatalog](#)

| | |
|--------------------------------|--|
| 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 |
| > 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 |

drawings

System drawing

