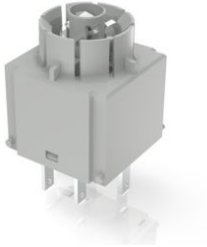


RAFIX 16, standard switching element, gold, with lamp socket, quick-connect terminal, latching, for W 2 x 4.6d, 2 NO



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

CE

SP



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 | | direct links |
|--|---|-----------------|
| Color | light gray | ➤ RAFI eCatalog |
| 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 | 9 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. |
| 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 | latching |
| Operating force, max. | 100 N |
| Operating travel, max. | 3 mm |
| Contact function | 2 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 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 |

drawings

System drawing

