

RAFIX 16, universal switching element, silver, without lamp socket, quick-connect terminal, momentary contact function, 1 NC



fields of application

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

special features

- Suitable for emergency stop and actuators with 2 switching directions, such as selector switches and key switches
- Safe switching due to oxidation-free gold contacts (max. 35 V / 0.25 A)
- NC contacts forcibly separated according to IEC 60947-5-1
- Two separate switching chambers, so two different potentials can be switched
- Contact function momentary (switching functions are realized via the actuating element)
- > 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 universal switching elements are designed for emergency stops and actuators with two actuating directions (e.g. selector switches). The universal switching elements always have a momentary contact function - then a switching function is implemented by the actuator alone.

technical data

| > general | | |
|-----------------------------|------------------|-----------------|
| Color | light gray | direct links |
| Operating temperature, min. | -25 °C | > RAFI eCatalog |
| Operating temperature, max. | 70 °C | |
| Storage temperature, min. | -40 °C | |
| Storage temperature, max. | 85 °C | |
| illuminated | No | |
| Packaging unit | 20 pcs. | |
| net weight | 7 g | |
| Operating life | 1,000,000 cycles | |
| B10 | 1,300,000 cycles | |
| Environment resistance | IEC 60068-2-14 | |
| | IEC 60068-2-30 | |

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| | | IEC 60068-2-33 |
|---|-----------------------------------|---|
| | | IEC 60068-2-78 |
| | Shock resistance according to | 50 g at 11 ms amplitude semi-sinusoidal |
| | standard IEC 60068-2-27 | |
| | Vibration resistance according to | 10 g at 20 - 500 Hz |
| | standard IEC 60068-2-6 | |
| | 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 |
| | Contact system | Bridge contact |
| | Contact material | Silver |
| | Fixing | Latching |
| | Solderability | No |
| | Terminal on the rear | Flat quick-connect terminal 2.8 x 0.8 |
| > | electrical data | |
| | Rated insulation voltage | 250 V |
| | Rated surge voltage | 2,500 V |
| | Rated operating voltage | 250 V (AC-15) |
| | | 250 V / 125 V / 60 V / 24 V (DC-13) |
| | Rated voltage, min. | 10 V |
| | Rated voltage, max. | 250 V |
| | Voltage type | AC / DC |
| | Rated operating current I, AC15 | 240 V / 1,5 A |
| | B300 | |
| | Rated operating current I, DC13 | 250 V / 0,275 A |
| | Q300 | 125 V / 0,4 A |
| | | 60 V / 1 A |
| | | 24 V / 2 A |
| | Rated operating voltage | 10-250 V |
| | Power loss | 0.72000 W |
| | Category of use AC-15 / B300 | 250 V / 1,5 A (CCC) |
| | Categories of use | AC-15 / B300 |
| | | DC-13 / Q300 |
| | Category of use DC-13 / Q300 | 240 V / 0,27 A (CCC) |
| | | |

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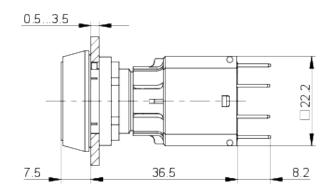
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drawings

System drawing



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