

## RAFIX 16 - Universal contact block, 1 NO, momentary, gold contacts, with lamp socket

1.20.123.013/0000

Universal contact blocks have two separate contact chambers and two actuator plungers. This makes it possible to switch two different polarities.



### Dimensions

|                                            |                       |
|--------------------------------------------|-----------------------|
| Size not mounted                           | 22.2 x 22.2 x 34.4 mm |
| Mounting depth (with actuator / indicator) | 44.7 mm               |

### Mechanical design

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| Mounting            | snap on actuator                                                                      |
| Contact system      | bridge-contact self cleaning                                                          |
| Contact materials   | Au                                                                                    |
| Contact arrangement | 1 NO                                                                                  |
| Contact function    | momentary                                                                             |
| Lamp socket         | W 2 x 4.6d                                                                            |
| Terminals           | quick connector 2.8 x 0.8 mm                                                          |
| Terminal marking    | according to DIN 50013, NC: 11/12 resp. 21/22, NO: 13/14 resp 23/24, lamp: X1 +, X2 - |
| Operating travel    | 3 mm                                                                                  |
| Robustness          | 100 N                                                                                 |

### Mechanical characteristics

|            |                       |
|------------|-----------------------|
| Robustness | acc. to IEC 60947-5-5 |
|------------|-----------------------|

### Electrical characteristics

|                                              |           |
|----------------------------------------------|-----------|
| Rated voltage min.                           | 0.02 V    |
| Rated voltage AC/DC max.                     | 35 V      |
| Rated current min.                           | 0.001 A   |
| Rated current max.                           | 0.25 A    |
| Operating life switching element (momentary) | 2,000,000 |
| Contact resistance when new max.             | 50 mΩ     |

### Other specifications

|                                                 |                                          |
|-------------------------------------------------|------------------------------------------|
| Protection class                                | II                                       |
| Shock resistance acc. to IEC 60068-2-27         | amplitude < 50g, 11ms, half sinusoidal   |
| Operation temperature min.                      | -25 °C                                   |
| Ambient temp. operating max. without lamp / LED | +70 °C                                   |
| Ambient temp. operating max. with lamp /LED     | +55 °C                                   |
| Storage temperature min.                        | -40 °C                                   |
| Storage temperature max.                        | +85 °C                                   |
| Color code                                      | white bottom                             |
| Environmental resistance                        | acc. to IEC 60068-2-14, -30, -33 and -78 |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| Mechanical operating life latching (operations) | 2,000,000             |
| Resistance to vibrations acc. to IEC 60068-2-6  | 10 g at 20 ... 500 Hz |
|                                                 | yes                   |
| ROHS compliant                                  | yes                   |
| REACH compliant                                 | yes                   |

with contact block / lamp socket



