

## RAFIX FS - Universal contact block, 2 NO

**1.20.126.005/0000**

Caution: Not suitable for emergency stop functions.



### General information

|               |         |
|---------------|---------|
| Lamp optional | THT LED |
|---------------|---------|

### Mechanical design

|                                                    |                                        |
|----------------------------------------------------|----------------------------------------|
| Mounting                                           | soldering in PCB                       |
| Contact system                                     | bridge-contact self cleaning           |
| Contact materials                                  | Au                                     |
| Contact arrangement                                | 2 NO                                   |
| NC contact forcibly actuated acc. to IEC 60947-5-1 | yes                                    |
| Terminals                                          | THT solder terminals with locating lug |

### Electrical characteristics

|                                |        |
|--------------------------------|--------|
| Operating voltage AC / DC min. | 5 V    |
| Operating voltage AC / DC max. | 35 V   |
| Operating current AC / DC min. | 1 mA   |
| Operating current AC / DC max. | 100 mA |
| Rated power max.               | 250 mW |

### Other specifications

|                                                |                                          |
|------------------------------------------------|------------------------------------------|
| Operating life at 10 mA / 24 V DC              | 1,000,000                                |
| B10                                            | 1,300,000                                |
| Switching reliability at 24V / 5mA DC          | $10 \times 10^{-6}$                      |
| Storage temperature min.                       | -40 °C                                   |
| Ambient temp. operating max.                   | +85 °C                                   |
| Ambient temp. operating min.                   | -40 °C                                   |
| Storage temperature max.                       | +85                                      |
| Color of plunger                               | green                                    |
| Robustness                                     | acc. to IEC 60947-5-5 (TÜV)              |
| Shock resistance acc. to IEC 60068-2-27        | 15 g at 11 ms, amplitude half sinusoidal |
| Resistance to vibrations acc. to IEC 60068-2-6 | 5 g at 10 ... 500 Hz                     |
| Environmental resistance                       | acc. to IEC 60068-2-14, -30, -33 and -78 |
| Solderability / solder heat resistance         | DIN EN 60068-2-20                        |
| Solder techniques                              | wave solder bath / manual soldering      |
| Color of housing                               | grey                                     |
| ROHS compliant                                 | yes                                      |
| REACH compliant                                | yes                                      |

