

## RAFIX 22 FS<sup>+</sup> - Universal contact block, silver contacts, 1 NC, 1 NO

1.20.126.204/9000



### General information

Lamp optional SMT LED

### Mechanical design

|  |  |
|--|--|
| Mounting   | soldering in PCB                       |
| Contact system                                     | bridge-contact self cleaning           |
| Contact materials                                  | Ag                                     |
| Contact arrangement                                | 2 NC                                   |
| NC contact forcibly actuated acc. to IEC 60947-5-1 | yes                                    |
| Terminals  | THT solder terminals with locating lug |

### Electrical characteristics acc. to IEC 60947, AC-15, DC-13

|  |  |
|--|--|
| Rated insulation voltage AC / DC                   | 250 V  |
| Rated peak voltage                                 | 2500 V   |
| Rated operating current I <sub>E</sub> , AC15 B300 | 3 A / 120 V; 1.5 A / 240 V; I <sub>the</sub> : 5 A       |
| Rated operating current I <sub>E</sub> , DC13 Q300 | 550 mA / 120 V; 270 mA / 240 V; I <sub>the</sub> : 2.5 A |
| Max. fuse protection                               | microfuse 5 x 20 mm, 6.3 A, inert                        |

### Other specifications

|  |  |
|--|--|
| Operating life at 250V / 1A                    | 1,000,000                                |
| B10 at 250V / 1A                               | 1,300,000                                |
| Operating life at 250V / 2A                    | 100,000                                  |
| B10 at 250V / 2A                               | 130,000                                  |
| Operating life at 250V / 4A                    | 30,000                                   |
| B10 at 250V / 4A                               | 40,000                                   |
| Switching reliability at 24V / 5mA DC          | 10 x 10 <sup>-6</sup>                    |
| Ambient temp. operating max.                   | +85 °C                                   |
| Storage temperature min.                       | -40 °C                                   |
| Ambient temp. operating min.                   | -40 °C                                   |
| Storage temperature max.                       | +85 °C                                   |
| Color of plunger                               | red                                      |
| Robustness                                     | acc. to IEC 60947-5-5 (TÜV)              |
| Shock resistance acc. to IEC 60068-2-27        | 50 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 |
| Hot wire ignition acc. to IEC 60695-2-1 | yes                                 |
| Color of housing                        | black                               |
| ROHS compliant                          | yes                                 |
| REACH compliant                         | yes                                 |

