

# **RAFIX 22 FS<sup>+</sup> - Contact block with quick-connect terminals, silver contacts**

**1.20.126.704/9000**



## **General information**

|               |          |
|---------------|----------|
| Lamp optional | LED-Clip |
|---------------|----------|

## **Mechanical design**

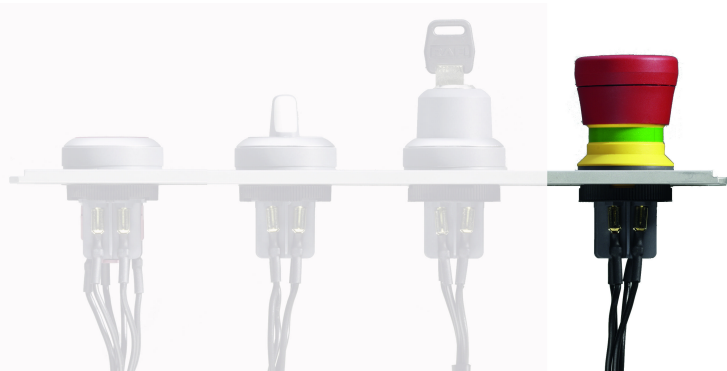
|  |                                      |
|--|--------------------------------------|
| Mounting   | snap on actuator                     |
| Contact system                                     | bridge-contact self cleaning         |
| Contact materials                                  | Ag                                   |
| Contact arrangement                                | 2 NC                                 |
| NC contact forcibly actuated acc. to IEC 60947-5-1 | yes                                  |
| Terminals  | quick connect terminals 2.8 x 0.8 mm |

## **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> , DC13 Q300 | 550 mA / 120 V; 270 mA / 240 V; I <sub>the</sub> : 2.5 A |

## **Other specifications**

|  |  |
|--|--|
| Operating life at 250V / 1A                    | 1,000,000                                |
| Operating life at 250V / 2A                    | 100,000                                  |
| Operating life at 250V / 4A                    | 30,000                                   |
| Switching reliability at 24V / 5mA DC          | 10 x 10 <sup>-6</sup>                    |
| Storage temperature min.                       | -40 °C                                   |
| Ambient temp. operating min.                   | -25 °C                                   |
| Ambient temp. operating max.                   | +70 °C                                   |
| Storage temperature max.                       | +80 °C                                   |
| Color of plunger                               | red                                      |
| 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 |
| Hot wire ignition acc. to IEC 60695-2-1        | yes                                      |
| Color of housing                               | black                                    |
| ROHS compliant                                 | yes                                      |
| REACH compliant                                | yes                                      |



| Schaltelement mit LED-Clip<br>(Sicht von unten) |    | Schaltelement "Plus 1"<br>(Sicht von unten) |    |    |         |        |
|---|----|---|----|----|---------|--------|
|   |    |   |    |    |         |        |
|   | 1S | 10  | 2S | 20 | 10 + 1S | Plus 1 |
|   | 1S | 10  | 2S | 20 | 10 + 1S | Plus 1 |
|   | 1S | 10  | 2S | 20 | 10 + 1S | Plus 1 |
|   | 1S | 10  | 2S | 20 | 10 + 1S | Plus 1 |
|   | 1S | 10  | 2S | 20 | 10 + 1S | Plus 1 |
|   | 1S | 10  | 2S | 20 | 10 + 1S | Plus 1 |
|   | 1S | 10  | 2S | 20 | 10 + 1S | Plus 1 |
|   | 1S | 10  | 2S | 20 | 10 + 1S | Plus 1 |

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