

## RAFIX 22 FS<sup>+</sup> - Emergency stop pushbutton „Plus 1“, reset by rotation

**1.30.273.512/0300**

Emergency stop pushbutton with 2 NC and 1 signal contact.

This special emergency stop pushbutton offers two redundant normally-closed contacts for the emergency off / emergency stop function and an additional signal contact



### 2 normally-closed (NC) contacts

Redundancy is more and more often a requirement for safety applications in mechanical engineering and control system development and helps to minimise the probability of failure of a system.

### 1 signal contact

The third contact - a normally-open contact - may be used, for example, for sending an information signal to a monitoring unit or master safety controller. The safety controller may then initiate a controlled shutdown, depending on the location and type of the hazard indicated.

The signal contact is only for impulse function and must not be used as a lasting NO contact.

### General information

|                |                       |
|----------------|-----------------------|
| Form of lens   | conical mushroom form |
| Color of lens  | red                   |
| Form of collar | round                 |
| Color of arrow | red                   |

### Dimensions

|                    |                      |
|--------------------|----------------------|
| Mushroom Diameter  | 30 mm                |
| Overall height     | 33.2 mm              |
| Mounting depth     | PCB 9.2 mm, QC 27 mm |
| Mounting hole      | 22.3 mm              |
| Diameter of collar | 29.8 mm              |

### Mechanical design

|                     |                       |
|---------------------|-----------------------|
| Mounting            | ring nut              |
| Contact function    | latching              |
| Illuminability      | no                    |
| Reset               | by clockwise rotation |
| Torque for nut ring | 1.2 Nm                |

### Mechanical characteristics

|                 |       |
|-----------------|-------|
| Robustness max. | 100 N |
|-----------------|-------|

### Other specifications

|                              |     |
|------------------------------|-----|
| Ambient temp. operating min. | -25 |
|------------------------------|-----|

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| Ambient temp. operating max.         | +70                                      |
| Robustness                           | acc. to IEC 600 68-2-3 und 2-30          |
| Storage temperature min.             | -40                                      |
| Storage temperature max.             | +80                                      |
| Operating life                       | 50,000                                   |
| B10                                  | 65,000                                   |
| Degree of protection from front side | IP65 (DIN EN 60529)                      |
| Environmental resistance             | acc. to IEC 60068-2-14, -30, -33 and -78 |
| Salt spray                           | IEC 600 68-2-11                          |
| ROHS compliant                       | yes                                      |
| REACH compliant                      | yes                                      |

Panel cut-out to IEC 60947-5-1

