

# LUMOTAST 22 active/inactive emergency stop button, 2 NC, Silver, Flat quick-connect terminal 2.8 x 0.8 tin-plated, reset by rotating, Mushroom head transparent



## fields of application

- Measurement-control-regulation
- Mechanical and system engineering
- Vehicle construction

## special features

- Mounting hole diameter 22.3 mm
- Night design: illumination of the arrows possible
- Low mounting depth of 17.6 mm
- Water jet protection class IP 65 on front
- Switching elements with silver contacts
- Contact configurations: 2 NC, 2 NC + 1 NO
- Quick-connect terminal
- Complies with DIN EN ISO 13850



## description

The emergency stop pushbuttons comply with IEC 60 204, IEC 60 073, IEC 60 947 and VDE 0113 Part 1. They are protected against unauthorized actuation by a positively guided mechanical movement sequence in accordance with DIN EN ISO 13850. To protect against accidental actuation, a pressure point must be overcome and the pushbutton engages in the pressed position. Due to the shape of the actuating element, the emergency stop pushbutton is protected against blocking. This means that an initiated emergency stop procedure cannot be interrupted by jamming objects. See appendix for original operating instructions.

The compact LUMOTAST 22 emergency stop with quick-connect terminals is ideal wherever an emergency stop or emergency off is required and space is tight in front of or behind the front panel. This emergency stop is also available with a PCB terminal, see RAFIX 22 FS+ control component range.

## technical data

### ➤ general

|                                           |             |
|-------------------------------------------|-------------|
| Color of mushroom                         | transparent |
| Property of bezel / mushroom              | transparent |
| Collar color                              | yellow      |
| Luminous element color                    | red         |
| Collar shape                              | round       |
| Operating temperature, min.               | -25 °C      |
| Operating temperature, max.               | 70 °C       |
| Storage temperature, min.                 | -40 °C      |
| Storage temperature, max.                 | 80 °C       |
| illuminated                               | Yes         |
| Luminous elements                         | LED         |
| Soldering time for manual soldering, max. | 5 sec       |

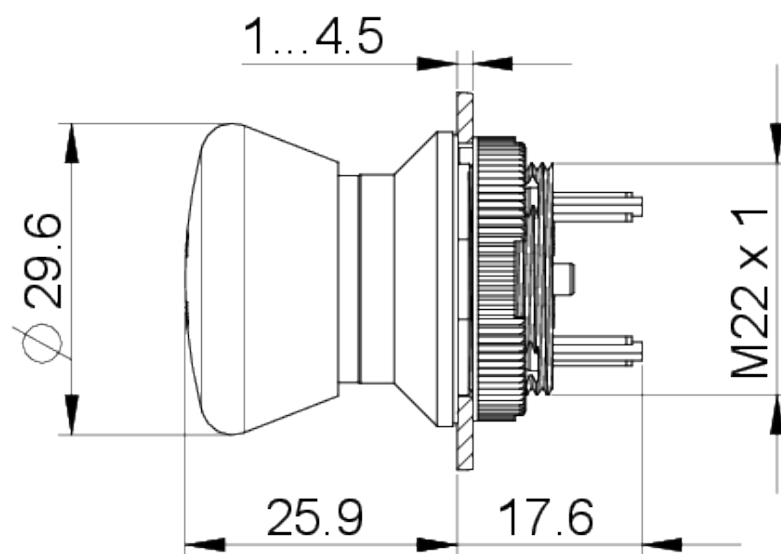
### direct links

- [RAFI eCatalog](#)

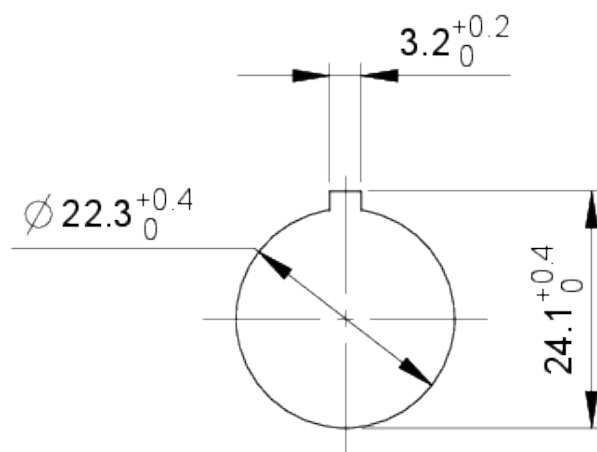
|                                                             |                                                               |
|-------------------------------------------------------------|---------------------------------------------------------------|
| Soldering temperature for manual soldering                  | 350 °C                                                        |
| Soldering                                                   | Manual soldering                                              |
| Packaging                                                   | Box                                                           |
| Packaging unit                                              | 10 pcs.                                                       |
| net weight                                                  | 17.7 g                                                        |
| Operating life                                              | 50,000 cycles                                                 |
| B10                                                         | 65,000 cycles                                                 |
| B10d                                                        | 130,000 cycles                                                |
| Degree of protection, front side, according to DIN EN 60529 | IP65                                                          |
| MOQ order                                                   | 10 pcs.                                                       |
| RoHS compliant                                              | Yes                                                           |
| REACH compliant                                             | Yes                                                           |
| > <b>mounting diameters</b>                                 |                                                               |
| Outside dimension, length                                   | 29.6 mm                                                       |
| Outside dimension, width                                    | 29.6 mm                                                       |
| Outside dimension, height                                   | 43.5 mm                                                       |
| Mounting hole                                               | 22.3 mm                                                       |
| Mounting depth                                              | 17.6 mm                                                       |
| Installation height                                         | 25.9 mm                                                       |
| > <b>mechanical data</b>                                    |                                                               |
| Contact function                                            | 2 NC                                                          |
| Contact material                                            | Silver                                                        |
| Resetting                                                   | by rotating                                                   |
| Fixing                                                      | Threaded ring                                                 |
| Solderability                                               | Yes                                                           |
| Threaded ring torque, max.                                  | 1.2 Nm                                                        |
| Terminal on the rear                                        | Flat quick-connect terminal 2.8 x 0.8 tin-plated              |
| > <b>electrical data</b>                                    |                                                               |
| Rated insulation voltage                                    | 250 V                                                         |
| Operating voltage of the luminous element, min.             | 12 V                                                          |
| Operating voltage of the luminous element, max.             | 30 V                                                          |
| Rated voltage, min.                                         | 0.02 V                                                        |
| Rated voltage, max. acc. to UL 60947                        | 24 V DC / 3 A                                                 |
| Rated operating current I, AC15 B300                        | 120 V / 3 A<br>240 V / 1,5 A                                  |
| Rated operating current I, DC13 Q300                        | 250 V / 0,275 A<br>125 V / 0,55 A<br>60 V / 1 A<br>24 V / 2 A |
| Operating current of the luminous element, max.             | 4 mA                                                          |
| Rated current, min.                                         | 0.001 A                                                       |
| Rated power, min.                                           | 0.5 W                                                         |

## drawings

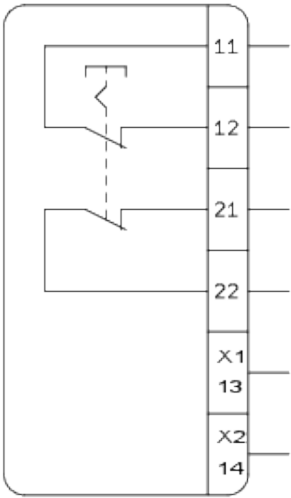
### Dimensioned drawing



### Mounting hole drawing



Schematic diagram



**Mode d'emploi auxiliaires de commande  
d'ARRÊT D'URGENCE (Traduction original)**