

# LUMOTAST 16, mushroom-headed pushbutton, 2 NC + 1 NO, Silver, Flat quick-connect terminal 2.8 x 0.5 tin-plated, reset by rotating, Mushroom head red, arrows red



## fields of application

- Measurement-control-regulation
- Electrical engineering
- Mechanical and system engineering
- Signalling systems
- Handheld terminals
- Industrial robots
- Model construction

## special features

- Round mounting hole, diameter 16.2 mm
- Mounting depth: 18 mm
- Terminal: male quick-connect terminal 2.8 x 0.5 mm
- Solderability: lead-free soldering with maximum 280°C for 5 seconds
- Water jet protection class IP 65 and IP 67 on front



## description

Thanks to its small installation dimensions and high degree of protection, the LUMOTAST 16 mushroom pushbutton offers a mushroom pushbutton for a wide range of applications and uses in the industrial sector.

## technical data

### ➤ general

|                                                             |                                  |
|-------------------------------------------------------------|----------------------------------|
| Color of mushroom                                           | red                              |
| Legending 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                                                 | No                               |
| Packaging                                                   | Box                              |
| Packaging unit                                              | 10 pcs.                          |
| net weight                                                  | 13.6 g                           |
| Operating life                                              | 30,000 cycles                    |
| B10                                                         | 50,000 cycles                    |
| Degree of protection, front side, according to DIN EN 60529 | IP65<br>IP67                     |
| Environment resistance                                      | IEC 60068-2-27<br>IEC 60068-2-30 |
| Impact resistance IK                                        | 05 side<br>05 frontal            |
| MOQ order                                                   | 10 pcs.                          |
| RoHS compliant                                              | Yes                              |

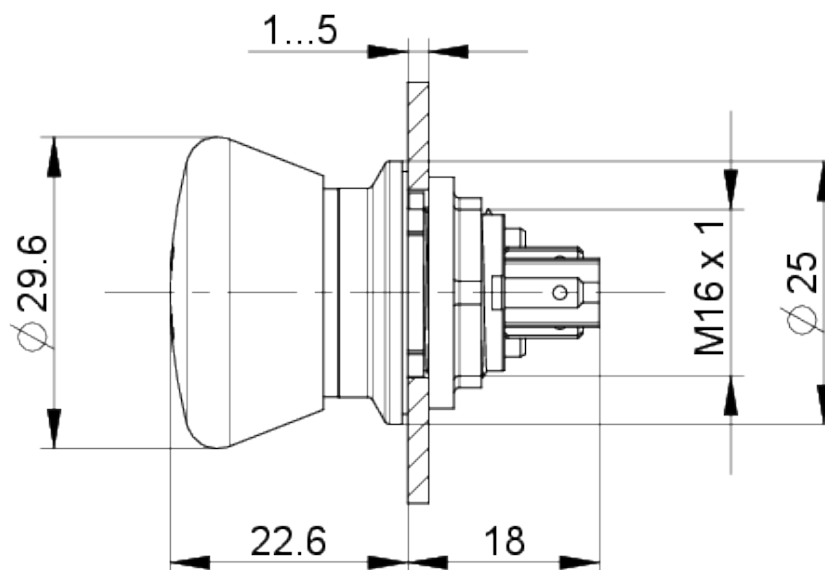
### direct links

- [RAFI eCatalog](#)

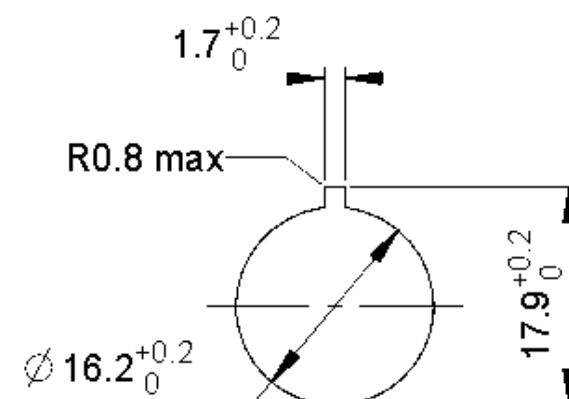
|                                      |                                                     |
|--------------------------------------|-----------------------------------------------------|
| REACH compliant                      | Yes                                                 |
| <b>&gt; mounting diameters</b>       |                                                     |
| Outside dimension, length            | 29.6 mm                                             |
| Outside dimension, width             | 29,6 mm                                             |
| Outside dimension, height            | 40.6 mm                                             |
| Mounting hole                        | 16.2 mm                                             |
| Mounting depth                       | 18.2 mm                                             |
| Installation height                  | 22.6 mm                                             |
| <b>&gt; mechanical data</b>          |                                                     |
| Actuation function                   | latching                                            |
| Contact function                     | 2 NC + 1 NO                                         |
| Contact material                     | Silver                                              |
| Resetting                            | by rotating                                         |
| Fixing                               | Threaded ring                                       |
| Solderability                        | Yes                                                 |
| Threaded ring torque, max.           | 0.8 Nm                                              |
| Terminal on the rear                 | Flat quick-connect terminal 2.8 x 0.5 tin-plated    |
| <b>&gt; electrical data</b>          |                                                     |
| Rated insulation voltage             | 250 V                                               |
| Rated voltage, min.                  | 10 V                                                |
| Rated voltage, max. acc. to UL 60947 | 35 V / 2 A (AC / DC)                                |
| Voltage type                         | AC / DC                                             |
| Rated operating voltage              | 0.01-250 V                                          |
| Rated current, min.                  | 0.015 A                                             |
| Rated power, max.                    | 250 W                                               |
| Category of use AC-15 / B300         | 240 V / 1,5 A (IEC 60947)<br>35 V / 5 A (IEC 60947) |
| Category of use DC-13 / Q300         | 35 V / 2 A (IEC60947)<br>250 V / 0,27 A (IEC)       |

## drawings

### Dimensioned drawing



### Mounting hole drawing



**Schematic diagram**

