

LUMOTAST 16, emergency stop button, 2 NC, Gold, Flat quick-connect terminal 2.8 x 0.5 tin-plated, reset by rotating, 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

The LUMOTAST 16 emergency stop elements are equipped with up to 3 contacts. This means that, for example, 2 redundant contacts can be earmarked for safety applications, while a signaling contact triggers the position sensing. An additional safety factor for your application.

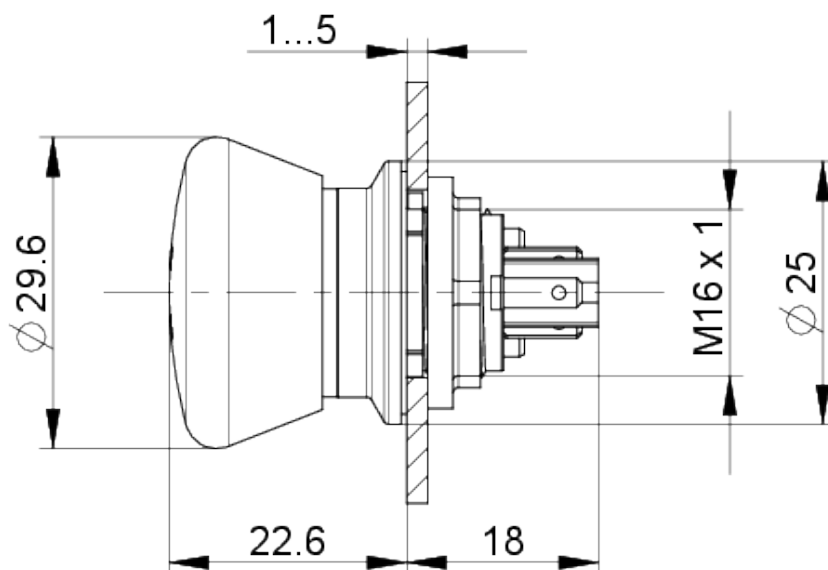
technical data

| ➤ general                                                   |                       | direct links    |
|-------------------------------------------------------------|-----------------------|-----------------|
| Color of mushroom                                           | red                   | ➤ RAFI eCatalog |
| Legending color                                             | red                   |                 |
| Collar color                                                | yellow                |                 |
| 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                                                  | 13.5 g                |                 |
| Operating life                                              | 30,000 cycles         |                 |
| B10                                                         | 50,000 cycles         |                 |
| B10d                                                        | 100,000 cycles        |                 |
| Degree of protection, front side, according to DIN EN 60529 | IP65<br>IP67          |                 |
| UL Enclosure Type Rating front side                         | type 1                |                 |
| shock resistance                                            | 05 side<br>05 frontal |                 |
| MOQ order                                                   | 10 pcs.               |                 |

|                                         |                                                  |
|-----------------------------------------|--------------------------------------------------|
| Pollution degree acc. to DIN EN 61010-1 | Pollution degree 2                               |
| 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               | 40.6 mm                                          |
| Mounting hole                           | 16.2 mm                                          |
| Mounting depth                          | 18 mm                                            |
| Installation height                     | 22.6 mm                                          |
| > <b>mechanical data</b>                |                                                  |
| Actuation function                      | latching                                         |
| Contact function                        | 2 NC                                             |
| Contact material                        | Gold                                             |
| 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>electrical data</b>                |                                                  |
| Rated insulation voltage                | 250 V                                            |
| Rated voltage, min.                     | 0.02 V                                           |
| Rated voltage, max.                     | 30 V                                             |
| Rated voltage, max. acc. to UL 60947    | 35 V DC / 100 mA                                 |
| Rated current, min.                     | 0.001 A                                          |
| Rated current, max.                     | 0.1 A                                            |
| Categories of use                       | AC-15<br>DC-13                                   |

## drawings

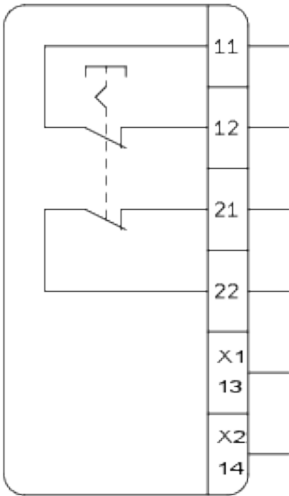
### Dimensioned drawing



### Mounting hole drawing



Schematic diagram



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