


LUMOTAST 16, emergency stop button, 1 NC, Silver, 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.

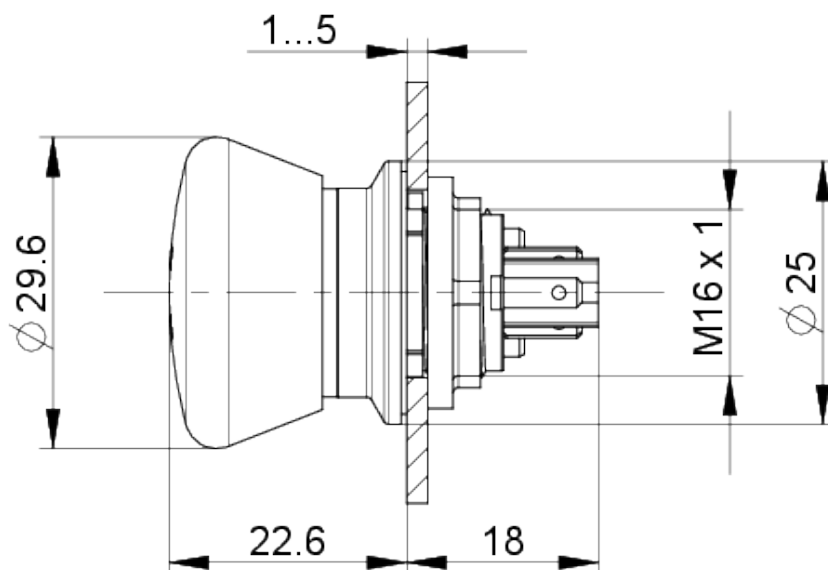
technical data

| ➤ 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 | 12.8 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 IP67 | |
| UL Enclosure Type Rating front side | type 1 | |
| Impact resistance IK | 05 side 05 frontal | |
| MOQ order | 10 pcs. | |

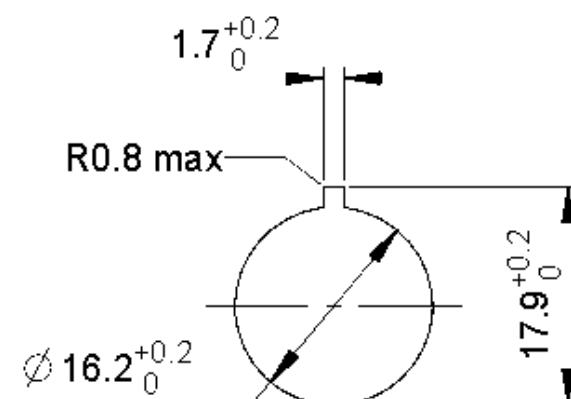
| | |
|---|---|
| Pollution degree acc. to DIN EN 61010-1 | Pollution degree 2 |
| RoHS compliant | Yes |
| REACH compliant | Yes |
| > mounting diameters | |
| Outside dimension, length | 29.6 mm |
| Outside dimension, width | 29.6 mm |
| Outside dimension, height | 40.6 mm |
| Mounting hole | 16.2 mm |
| Mounting depth | 18 mm |
| Installation height | 22.6 mm |
| > mechanical data | |
| Actuation function | latching |
| Contact function | 1 NC |
| 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 |
| > electrical data | |
| 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) 35 V / 5 A (IEC 60947) |
| Category of use DC-13 / Q300 | 35 V / 2 A (IEC60947) 250 V / 0,27 A (IEC) |

drawings

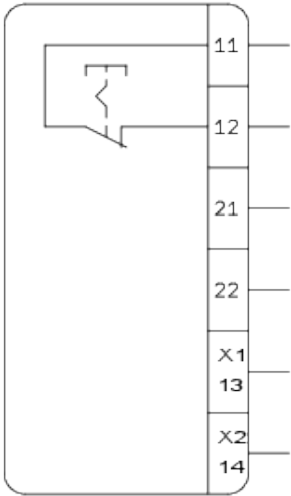
Dimensioned drawing



Mounting hole drawing



Schematic diagram



Betriebsanleitung Not-Halt-Befehlsgeräte (Original)

Operating Instructions EMERGENCY STOP
Control Units (Translation of the source text)

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

- 1. Safety instructions**

- (F) 1. Consignes de sécurité**

- ## **D 2. Allgemeine Beschreibung und bestimmungsgemäße Verwendung**

(GB) 2. General description and intended use

(F) 2. Description générale et application conforme aux prescriptions

- EN ISO 13849-1:2015
- EN ISO 13850:2015
- EN ISO 13849-2:2012
- EN 60204-1/A1:2009

3. Produktbeschreibung

(GB) 3. Product description

(F) 3. Description de produit

"Aktiv/Inaktiv"-Varianten: "Aktiv": lit rouge, d'arrêt d'urgence fonction donné; "Inaktiv": pas lit, transparent, pas de d'arrêt d'urgence fonction.

| Produkt Product Produit | Einbau Ø mm Mounting Ø mm Montage Ø mm | Betätiger Actuator Actionneur | Schaltelement Contact block Élément de commutation |
|-------------------------------|--|--|--|
| LUMOTAST 16 | Ø 16,2 | 1.15.213.001/0000 | 1.15.213.103/0000 |
| | | 1.15.213.002/0000 | 1.15.213.104/0000 |
| | | 1.15.213.003/0000 | 1.15.213.301/0000 |
| | | 1.15.213.004/0000 | 1.15.213.302/0000 |
| | | 1.15.213.011/0000 | 1.15.213.303/0000 |
| | | 1.15.213.012/0000 | 1.15.213.304/0000 |
| | | 1.15.213.013/0000 | 1.15.213.311/0000 |
| | | 1.15.213.014/0000 | 1.15.213.312/0000 |
| | | 1.15.213.051/0000 | 1.15.213.313/0000 |
| | | 1.15.213.052/0000 | 1.15.213.314/0000 |
| | | 1.15.213.053/0000 | 1.15.213.401/0000 |
| | | 1.15.213.054/0000 | 1.15.213.402/0000 |
| | | 1.15.213.061/0000 | 1.15.213.403/0000 |
| | | 1.15.213.062/0000 | 1.15.213.404/0000 |
| | | 1.15.213.063/0000 | 1.15.213.411/0000 |
| | | 1.15.213.064/0000 | 1.15.213.412/0000 |
| LUMOTAST 22 | Ø 22,3 | 1.15.105.002/0000 | 1.15.105.032/0000 |
| | | 1.15.105.012/0000 | 1.15.105.112/0000 |
| | | 1.15.105.022/0000 | integriert / incl. |
| LUMOTAST 25 | Ø 16,2 | 1.15.154.006/0301 1.15.154.016/0301 | integriert / incl. |
| RAMO 22 | Ø 22,3 | 1.10.031.001/0000 | integriert / incl. |
| | | 1.10.031.004/0330 | |
| | | 1.10.031.022/0330 | |
| RAMO 30 | Ø 30,3 | 1.11.031.101/0000 | integriert / incl. |
| | | 1.11.031.004/0330 | |
| | | 1.11.031.022/0330 | |
| | | 1.11.031.101/0000 | |

Tabelle 3.1 Weitere technische Daten sind dem Katalog zu entnehmen.

Table 3.1 For additional technical data, please refer to the catalogue.

Tableau 3.1 Pour les autres caractéristiques techniques, voir catalogue.