

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

Color of mushroom	red
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 IP67
UL Enclosure Type Rating front side	type 1
Impact resistance IK	05 side 05 frontal
MOQ order	10 pcs.

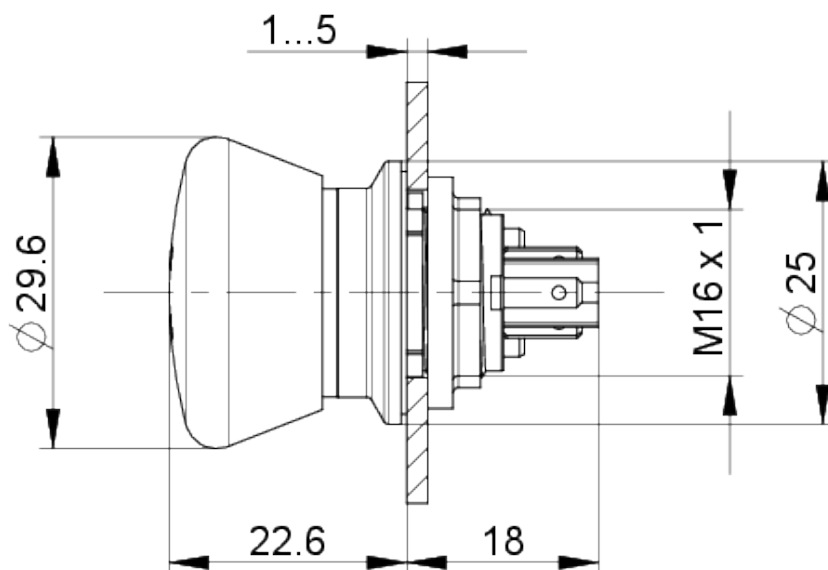
direct links

➤ RAFI eCatalog

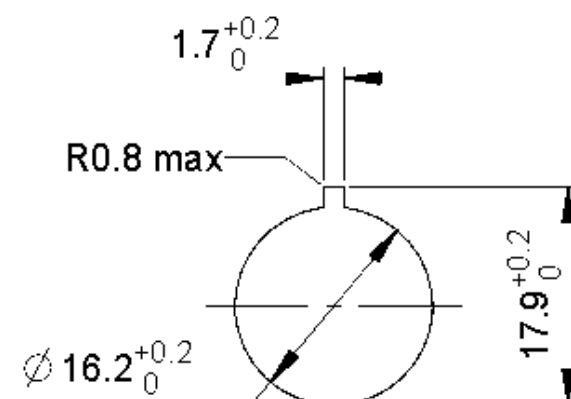
Pollution degree acc. to DIN EN 61010-1	Pollution degree 2
RoHS compliant	Yes
REACH compliant	Yes
> mounting diameters	
Outside dimension, length	29.6 mm
Outside dimension, width	29.6 mm
Outside dimension, height	40.6 mm
Mounting hole	16.2 mm
Mounting depth	18 mm
Installation height	22.6 mm
> mechanical data	
Actuation function	latching
Contact function	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
> electrical data	
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
Voltage type	AC / DC
Rated operating voltage	0.02-30 V
Rated current, min.	0.001 A
Rated current, max.	0.1 A
Categories of use	AC-15 DC-13

drawings

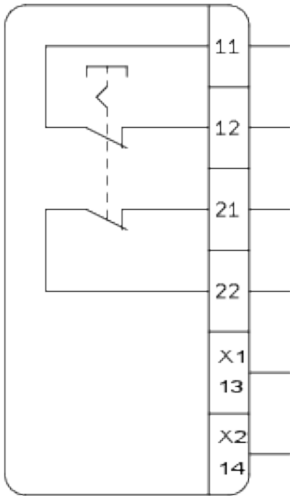
Dimensioned drawing



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/A1:2005

3. Produktbeschreibung

"Aktiv/Inaktiv"-Varianten: "Aktiv": beleuchtet, rot, Not-Halt Funktion gegeben; "Inaktiv": unbeleuchtet, transparent, keine Not-Halt Funktion.

(GB) 3. Product description

"Aktiv/Inaktiv"-Variants: "Aktiv": illuminated red, Emergency Stop function given; "Inaktiv": not illuminated, transparent, no Emergency Stop function.

(F) 3. Description de produit

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

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.