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safe-t PRODUCTS

Targeting Safety

EMERGENCY - STOP



Tested to IP66/69K
CE Conformity

IP RATED IP66/69K

22MM BUTTON VERSION

MINI EMERGENCY STOP BOX

SUITABLE FOR INDUSTRIAL, FOOD & MINING APPLICATIONS

The Mini Emergency Stop Box is a smaller, highly efficient version of our standard Emergency Stop Device, designed to meet rigorous safety demands in diverse environments. Suitable for industrial, food processing, and mining applications, this compact device ensures robust performance without compromising safety.



High Impact PC/PBT UV Stable Flame Retardant Plastic

3mm 5052 Aluminium with 6061 Aluminium Cable Gland Entries and Powder Coated Enclosure

2mm 316 Electro Polished Stainless Steel

KEY FEATURES:

- **Compact Design:** Ideal for limited spaces without sacrificing safety functionality.
- **IP66/69K Rated:** Superior resistance to water and dust ingress, ensuring reliable operation even in harsh conditions.

PROTECTIVE SHROUD AND ENCLOSURE DESIGN:

The Emergency Stop button is securely placed within a specially designed protective shroud and enclosure by Safe-T-Products, enhancing durability and safety. The enclosure features a one-piece lid seal pressed into a groove with an external solid protection lip, providing added protection against environmental factors.

DIVERSE ENCLOSURE OPTIONS:

Available in three enclosure types to suit different environments:

1. **UV Stable, Impact-Modified, Flame Retardant V0 PC/PBT Enclosure:** Strong impact resistance with UV stability, ideal for outdoor applications.
2. **3mm 5052 Aluminium with 6061 Aluminium Cable Gland Entry (Powder-Coated):** Excellent corrosion resistance and durability.
3. **2mm 316 Electro Polished Stainless Steel:** Superior corrosion resistance with a polished finish, perfect for harsh environments.

ENHANCED SEALING SYSTEM:

- Fitted into a groove in the plastic version and adhered to the aluminium and stainless steel, the lid incorporates an external solid lip extending over the sealing edge, providing enhanced protection against water ingress and ensuring long-term durability in harsh environments.
- **25mm Conduit Entry:** Equipped with specially designed conduit plugs featuring unique sealing systems with O-rings for optimal protection.
- **Button Seal:** The Emergency Stop lid includes a specially designed button protection shroud with labeling, secured via two screws into blind mounting holes. This protects the seal from sunlight, dust, and high-pressure water jets.

ADVANCED SAFETY MECHANISMS:

The Emergency Stop button can be fitted with up to three direct-opening fail-safe contact blocks, maintaining fail-safe operation even if one block is removed. This design enhances the overall safety and integrity of the system.

WHY CHOOSE THE EMERGENCY STOP MINI BOX?

Compact, durable, and engineered for extreme environments, the Emergency Stop Mini Box offers the same high level of safety as larger devices, with the added benefit of space-saving efficiency.

FOR MORE INFORMATION

www.safe-t-products.com.au

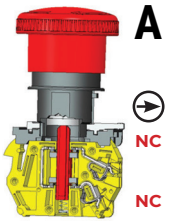
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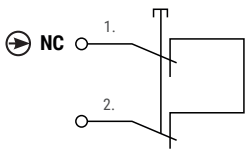
SELF MONITORED CONTACT INCLUDED IN STANDARD RANGE

MTTFd VALUE CALCULATION FOR THE EMERGENCY PUSH BUTTONS ACCORDING WITH EN ISO 13849-1

NOT ACTIVATED

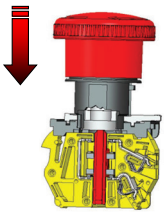
MUSHROOM BUTTON NOT ACTIVATED, CONTACT BLOCK ATTACHED

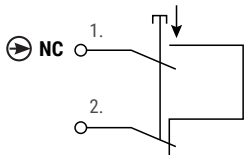




ACTIVATED

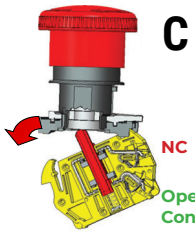
MUSHROOM BUTTON ACTIVATED, CONTACT BLOCK ATTACHED

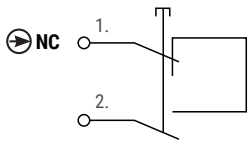




NOT ACTIVATED

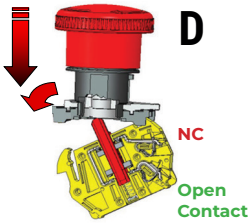
MUSHROOM BUTTON NOT ACTIVATED, CONTACT BLOCK DISCONNECTED

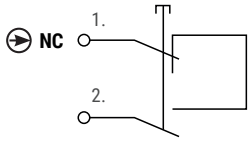




ACTIVATED

MUSHROOM BUTTON ACTIVATED, CONTACT BLOCK DISCONNECTED





SHROUD

All Emergency Stop Devices come fitted with a Fail Safe Contact Block.



ADDITIONAL CONTACT BLOCKS AVAILABLE

Shroud Fitted to Increase Buttons Resistance to Foreign Material Buildup and Operational Failures.



SHROUD WITH BOOT FITTED OPTION

BUTTONS AVAILABLE

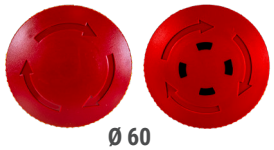


NO BOOT FITTED ON THE **Ø 30**

Ø 30
TWIST & TWIST/INDICATOR



Ø 40
TWIST & TWIST/INDICATOR

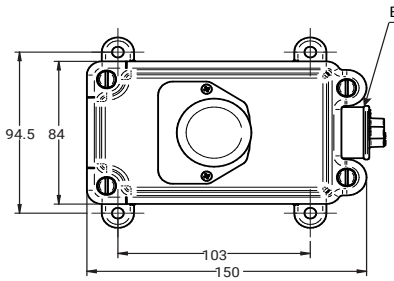


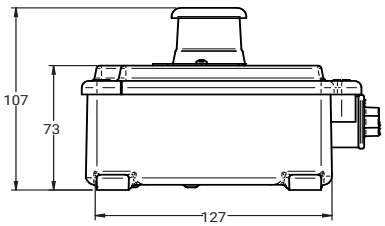
Ø 60
TWIST & TWIST/INDICATOR

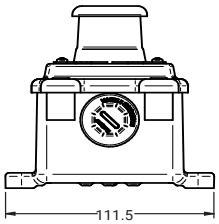
Select from our range of 6 button options, including Mushroom-style with twist function, or twist with built-in indicator. You can also pick the size that suits your needs, with diameters available in 30mm, 40mm, and 60mm.

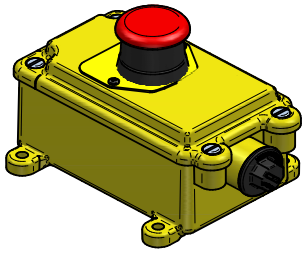
PC/PBT PLASTIC EMERGENCY STOP

30MM DIAMETER BUTTON SHOWN AS EXAMPLE









TECHNICAL NOTES

All operators comply with the relevant European standards:

- EN ISO 13850 Machine safety Emergency stop operators, functional characteristics - Design guidelines
- IEC/EN60947-5-1
- Comply with the standard IEC/EN60204-1: Machine safety Machine electrical circuit General guidelines

- The push buttons are designed with a load charge mechanism to ensure a reliable operation in the activated position. The combination with positive switching NC contacts and the presence of the indicator on some models, guarantee a high degree of reliability and effectiveness.