safe-t PRODUCTS
Targeting Safety

EMERGENCY - STOP

IP RATED 66/69K

22MM BUTTON VERSION

EMERGENCY STOP DEVICE
SUITABLE FOR INDUSTRIAL, FOOD, TRANSPORT & MINING APPLICATIONS

Our Emergency Stop button is placed within a protective shroud and enclosure designed for Safe-T-Products. The whole setup has a rating of IP66/69K, indicating strong resistance against water and dust ingress.

Tested to IP66/69K
CE Conformity

DIVERSE ENCLOSURE OPTIONS FOR DIFFERENT ENVIRONMENTS

Available in 3 enclosure types to suit various environmental conditions and requirements:

- **UV Stable, Impact Modified, Flame Retardant V0 PC/PBT Enclosure:** This plastic enclosure provides strong impact resistance and is suitable for outdoor use due to its UV stability.
- **3mm 5052 Aluminium with 6061 Aluminium Cable Gland Entries and Powder Coated Enclosure:** This robust enclosure type offers excellent corrosion resistance and durability.
- **2mm 316 Electro Polished Stainless Steel:** Known for its superior resistance to corrosion and its polished finish, this enclosure is ideal for harsh environments.

When the Emergency Stop button is integrated into the Safe-T-Products designed shroud and enclosure, the entire device is rated at IP66/69K.

The enclosure's IP rating is protected with a one-piece lid seal pressed into a groove with an external solid protection lip that is higher than the sealing face and protrudes down over the enclosure's sealing edge once the lid is installed. Both conduit entries are equipped with specially designed conduit plugs that feature a unique sealing system, including an O-rings for optimal sealing. To increase the IP rating of the button's seal, the

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

Emergency Stop lid is fitted with a specially designed button protection and labeling shroud attached via two screws into blind mounting holes. The blind fixing holes are external to the button mounting hole, allowing for the buttons to be sealed directly onto the lid. This shroud protects the seal's integrity from direct sunlight, dust, foreign materials and reduces the power of impact of jets of water by slowing the flow via a torturous path preventing penetration through the seal.

The Emergency Stop button may be fitted with up to 3 direct opening fail safe contact blocks which still fail to safe even if any of the contact blocks are removed. This not only raises the overall safety of the Emergency Stop but completes the safety integrity of the overall system.

FOR MORE INFORMATION
www.safe-t-products.com.au

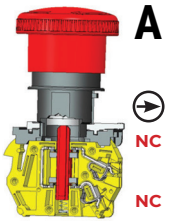
PUB. No. CBD_ES V_1.1

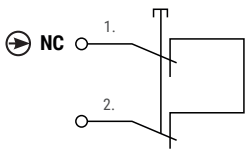
SELF MONITORED CONTACT INCLUDED IN STANDARD RANGE

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

NOT ACTIVATED

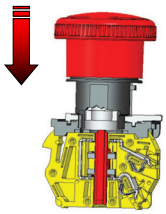
MUSHROOM BUTTON NOT ACTIVATED, CONTACT BLOCK ATTACHED

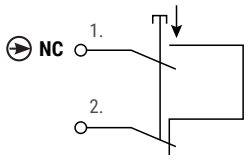




ACTIVATED

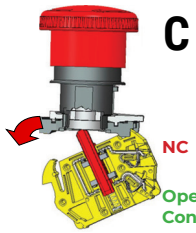
MUSHROOM BUTTON ACTIVATED, CONTACT BLOCK ATTACHED

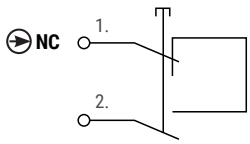




NOT ACTIVATED

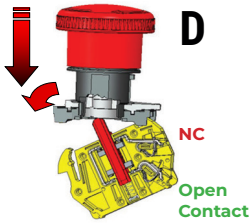
MUSHROOM BUTTON NOT ACTIVATED, CONTACT BLOCK DISCONNECTED

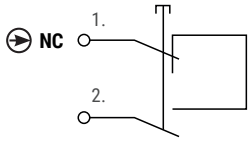




ACTIVATED

MUSHROOM BUTTON ACTIVATED, CONTACT BLOCK DISCONNECTED





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

ADDITIONAL CONTACT BLOCKS AVAILABLE

SHROUD

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

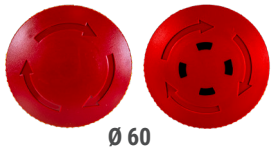
SHROUD WITH BOOT FITTED OPTION

BUTTONS AVAILABLE

Ø 30
TWIST & TWIST/INDICATOR

NO BOOT FITTED ON THE **Ø 30**

Ø 40
TWIST & TWIST/INDICATOR

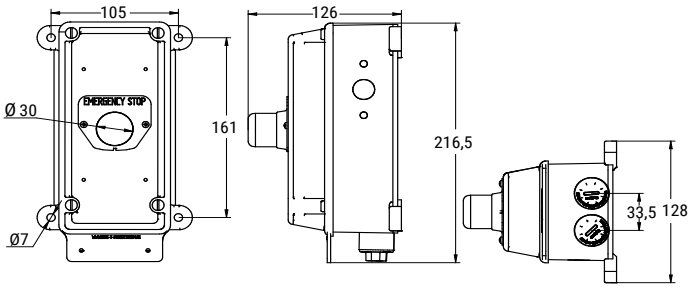


Ø 60
TWIST & TWIST/INDICATOR

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.

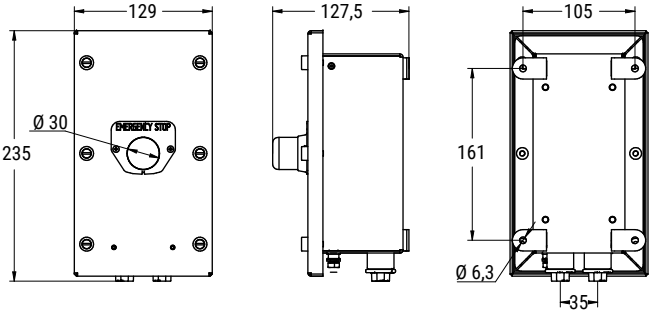
PC/PBT PLASTIC EMERGENCY STOP

30mm DIAMETER BUTTON SHOWN AS EXAMPLE



ALUMINIUM/STAINLESS STEEL 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.