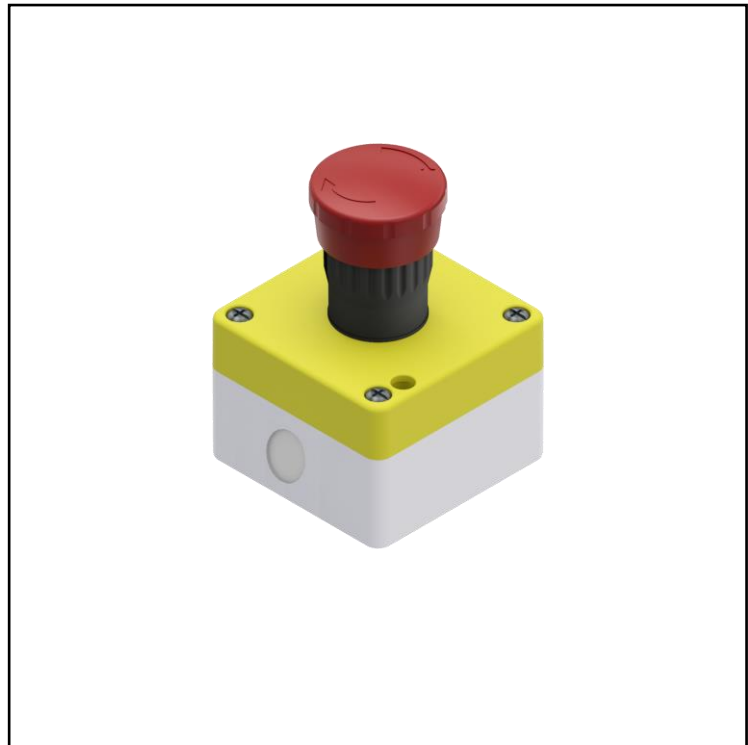


## FEATURES

- E-STOP device made in thermoplastic material
- Yellow cover and grey base
- Very sturdy and reliable also in harsh environment

## RS PRO E-STOP device, emergency stop pushbutton, twist to release, 1NC contact

RS Stock No.: 2420842



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

# Emergency Stop Push Button

## Product Description

The E-STOP device SA series can be used for the emergency stop signal generation in dangerous situations. Equipped with certified emergency button, SA E-STOP devices guarantee maximum reliability and ease of installation. The SA series E-STOP devices can be used all over the world thanks to the compliance of ECX 4580 pushbutton with EN / IEC 60947-5-1, EN / IEC 60947-5-5 and EN ISO 13850 and UL NISD category.

## General Specifications

|   |   |
|---|---|
| Casing Material                                 | Thermoplastic   |
| Electrical connection                           | Two M20 knockout holes                                |
| Operator  | Emergency stop pushbutton ECX 4580 – Twist to release |
| Microswitch                                     | 1 NC  |
| Connecting Terminals                            | Screw with captive cable clamp                        |
| Connecting Cables Dimensions [mm <sup>2</sup> ] | 1 or 2 conductors - 0.5 ... 2.5                       |
| Enclosure Dimensions                            | 70x70 h50 (pushbutton excluded)                       |

## Mechanical Specifications

|  |           |
|--|-----------|
| Operating Temperatures [°C]                    | -40 / +70 |
| Stock Temperatures [°C]                        | -40 / +70 |
| Mechanical durability (Millions of operations) | 0.3       |
| B10d (million of operations)                   | 0.6       |
| Max. switching frequency [Cicli/h]             | 3600      |

## Electrical Specifications

|   |  |
|---|--|
| Protection against electrical shocks  | Class II - Double insulation             |
| Rated Insulating Voltage $U_i$ [V]  | 690                                      |
| Pollution Degree  | 3  |
| Contact rating secondo UL508  | A 600 Q 300                              |
| Rated impulsive voltage [kV]  | 8  |
| Conventional thermal current in air free $I_{th}(\theta \text{ min } 40^\circ \text{ C})$ [A]<br>( $\theta$ ) | 10                                       |
| Short circuit protection (EU min 500Vac - fuses type gG (g)) [A]  | 10                                       |
| Rated Operational Current $I_e$ - AC-15 (50-60 Hz) [Vac - A]  | 24V - 10A / 240V - 6A / 400V - 4A        |
| Rated Operational Current DC-13 [Vdc - A]   | 24V - 2,8A / 125V - 0.55A / 250V - 0.27A |
| Resistance Between Contacts [m $\Omega$ ]   | 25                                       |

# Emergency Stop Push Button



## Protection Category

|                         |    |
|-------------------------|----|
| IP Degree of Protection | 65 |
|-------------------------|----|

## Additional Information

|                      |               |
|----------------------|---------------|
| EAN                  | 8000126233360 |
| Custom Tariff Number | 85371098      |

## Approvals

|               |                                 |
|---------------|---------------------------------|
| Declarations  | CE – UKCA                       |
| Standards Met | IEC 60947-5-1 and IEC 60947-5-5 |