# PBES22N11R ✔ ACTIVE

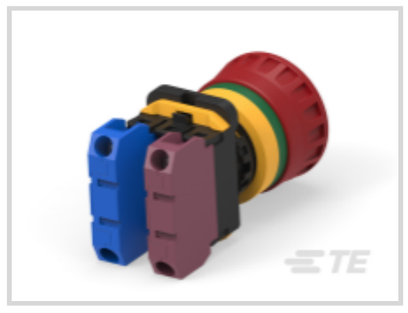
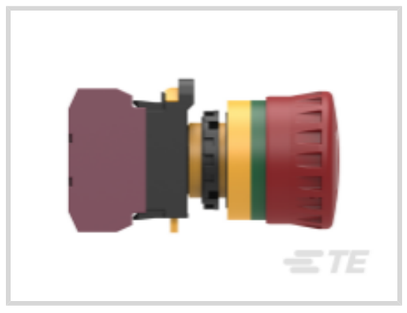
Alcoswitch | Alcoswitch PBES22

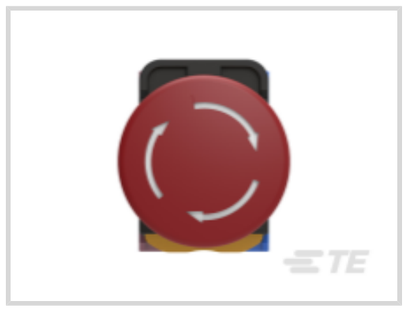
TE Internal #: 2416050-5

Push Button Switches, Double Pole - Single Throw Configuration (Pole-Throw), Emergency Stop Switch, Single Actuator, Alcoswitch PBES22

View on TE.com >

Switches > Push Button Switches > Emergency Stop Switches: 22mm Mounting Hole, Pushbutton




Configuration (Pole-Throw): **Double Pole - Single Throw**

Push Button Switch Product Type: **Emergency Stop Switch**

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Threaded**

All Emergency Stop Switches: 22mm Mounting Hole, Pushbutton (54)

## Features

### Product Type Features

| | |
|---|---|
| Switch Connection Type | Screw Terminal |
| Push Button Switch Product Type | Emergency Stop Switch |
| Illuminated | Without |
| Actuator Style | Top |

### Configuration Features

| | |
|---|---|
| Panel Cutout Size | 22.3 mm[0.88 in] |
| Configuration (Pole-Throw) | Double Pole - Single Throw |
| Number of Actuators | Single |
| Snap Action | With |
| Switch Feedback Type | Tactile & Auditory |
| Operating Function | Maintained |

### Electrical Characteristics

| | |
|---|---|
| Contact Current Rating | 10 A |
| Operating Voltage Range | 120 VAC |

### Body Features

| | |
|---|---|
| Actuator Force | 4079 g[144 oz] |
| Case Material | Polyamide |
| Actuator Material | Polyamide |
| Sealing Method | Rubber O-Ring |
| Product Orientation | Vertical |
| Actuator Profile | Extended |
| Bushing Style | Threaded |
| Bushing Thread Size | M22 x 1 |
| Actuator Color | Red |

### Contact Features

| | |
|---|---|
| Contact Base Material | Copper Alloy |

### Mechanical Attachment

| | |
|---|---|
| Attachment Method | Screw-On |

### Dimensions

| | |
|---|---|
| Actuator Length | 33 mm[1.3 in] |
| Bushing Diameter | 22 mm[.87 in] |
| Bushing Length | 45.7 mm[1.8 in] |

### Operation/Application

| | |
|---|---|
| Actuator Total Travel | 8 mm[.3 in] |

### Industry Standards

| | |
|---|---|
| IP Rating | IP65 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Bulk |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

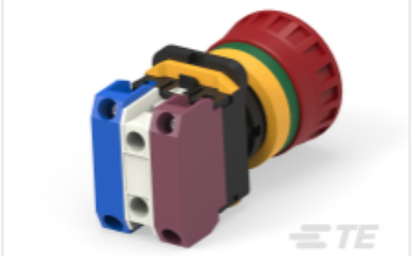
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |

| | |
|---|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # CAT-W06-P2240
Emergency Stop Switches: 22mm Mounting Hole, Pushbutton

## Also in the Series | Alcoswitch PBES22



Push Button Switches(54)

## Documents

### CAD Files

3D PDF

3D

**Customer View Model**

ENG_CVM_CVM_2416050-5_A1.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_2416050-5_A1.2d_dxf.zip

English

**Customer View Model**

ENG_CVM_CVM_2416050-5_A1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

### Datasheets & Catalog Pages

ALCOSWITCH_PUSHBUTTON_22mm_EMERGENCY_STOP_SWITCH

English