



Relays, Contactors & Switches > Switches > Push Button Switches



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

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

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Threaded**

Features

Product Type Features

|                                 |                |
|---------------------------------|----------------|
| Switch Connection Type          | Wire Lugs      |
| Push Button Switch Product Type | Emergency Stop |
| Illuminated                     | With           |
| Actuator Style                  | Top            |

Configuration Features

|                            |                                     |
|----------------------------|-------------------------------------|
| Detent Style               | Audible                             |
| Panel Cutout Size          | 16 (Diameter) mm[.63 (Diameter) in] |
| Configuration (Pole-Throw) | Single Pole - Single Throw          |
| Number of Actuators        | Single                              |
| Snap Action                | With                                |
| Tactile                    | Yes                                 |
| Operating Function         | Maintained, NC                      |

Electrical Characteristics

|                         |         |
|-------------------------|---------|
| Operating Voltage Range | 120 VAC |
|-------------------------|---------|



Body Features

|                     |               |
|---------------------|---------------|
| Actuator Force      | 2040 g[72 oz] |
| Case Material       | PPA           |
| Actuator Material   | Polyamide     |
| Sealing Method      | Rubber O-Ring |
| Product Orientation | Vertical      |
| Actuator Profile    | Extended      |
| Bushing Style       | Threaded      |
| Bushing Thread Size | M16 x 1       |
| Actuator Color      | Red           |

Contact Features

|                        |              |
|------------------------|--------------|
| Contact Base Material  | Copper Alloy |
| Contact Current Rating | 3 A          |

Mechanical Attachment

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

Dimensions

|                  |                  |
|------------------|------------------|
| Actuator Length  | 31 mm[1.22 in]   |
| Bushing Diameter | 16 mm[.63 in]    |
| Bushing Length   | 42.4 mm[1.67 in] |

Industry Standards

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

Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

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                   | Compliant   |
| 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<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



Documents

- Product Drawings

PBES16 28 LED 6V DC 28mA 000 1NC

English
- CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2463582-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2463582-1\_A.3d\_igs.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_2463582-1\\_A.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[ALCOSWITCH PBES16 Series](#)

English