

PBES16L3DRE

✓ ACTIVE

TE Internal #: 2463582-8

Push Button Switches, Single Pole - Single Throw Configuration (Pole-Throw), Emergency Stop, Single Actuator, Extended Actuator Profile, Threaded

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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 Type                     | Pushbutton     |
| Dust Proof                      | Yes            |
| Push Button Switch Product Type | Emergency Stop |
| Illuminated                     | With           |
| Actuator Style                  | Top            |

Configuration Features

|                            |                                     |
|----------------------------|-------------------------------------|
| ESD Grounding Terminal     | Without                             |
| Detent Style               | Audible                             |
| Ganged                     | Without                             |
| 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                          |



Electrical Characteristics

|                                   |         |
|-----------------------------------|---------|
| Push Button Switch Voltage Rating | 120 VAC |
|-----------------------------------|---------|

Body Features

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

Contact Features

|   |              |
|---|--------------|
| Type of Contact                           | NC           |
| Contact Base Material                     | Copper Alloy |
| Push Button Switch Contact Current Rating | 3 A          |

Termination Features

|                  |           |
|------------------|-----------|
| Termination Type | Wire Lugs |
|------------------|-----------|

Mechanical Attachment

|                                  |          |
|----------------------------------|----------|
| Attachment Method                | Screw-On |
| Mounting Angle                   | Vertical |
| Push Button Switch Mounting Type | Panel    |

Dimensions

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

Usage Conditions

|           |    |
|-----------|----|
| Oil-Tight | No |
|-----------|----|

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



TE Part # 2463582-7  
PBES16 28 LED 12-24V AC/DC 11mA  
1NC 1NO

Documents

Product Drawings  
PBES16 28 LED 12-24V AC/DC 11mA 1NC 1NC



English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2463582-8\\_A.3d\\_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2463582-8\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2463582-8\\_A.3d\\_igs.zip](#)

English

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Datasheets & Catalog Pages

[ALCOSWITCH PBES16 Series](#)

English