

PBES16L1OR

✓ ACTIVE

ALCOSWITCH | ALCOSWITCH PBES16

TE Internal #: 2381880-3

Emergency Stop Switch, Single Pole - Single Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, Illuminated, ALCOSWITCH PBES16

[View on TE.com >](#)



Switches > Push Button Switches



Configuration (Pole-Throw): **Single Pole - Single Throw**  
Push Button Switch Product Type: **Emergency Stop Switch**  
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 Switch |
| Illuminated                     | With                  |
| Actuator Style                  | Top Actuator          |

Configuration Features

|                            |                                     |
|----------------------------|-------------------------------------|
| Panel Cutout Size          | 16 (Diameter) mm[.63 (Diameter) in] |
| Configuration (Pole-Throw) | Single Pole - Single Throw          |
| Number of Actuators        | Single                              |
| Snap Action                | With                                |
| Switch Feedback Type       | Tactile & Auditory                  |
| Operating Function         | Maintained, NC                      |

Electrical Characteristics

|                         |         |
|-------------------------|---------|
| Contact Current Rating  | 3 A     |
| Operating Voltage Range | 120 VAC |



Body Features

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

Contact Features

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

Mechanical Attachment

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

Dimensions

|                  |                  |
|------------------|------------------|
| Bushing Length   | 42.4 mm[1.67 in] |
| Bushing Diameter | 16 mm[.63 in]    |
| Actuator Length  | 31 mm[1.22 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                   | Compliant                                                                                                                      |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                        |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |

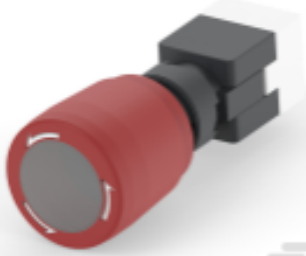


|                           |                                                                                  |
|---------------------------|----------------------------------------------------------------------------------|
| Halogen Content           | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability                                       |

Product Compliance Disclaimer

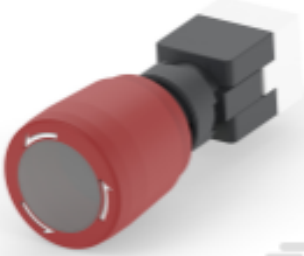
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2381880-4

PBES16 28 INCA 14 V AC/DC 80mA  
000 1NC



TE Part # 2381880-2

PBES16 28 INCA 6V AC/DC 200mA  
000 1NC

Also in the Series | ALCOSWITCH PBES16



Emergency Stop Switches(42)

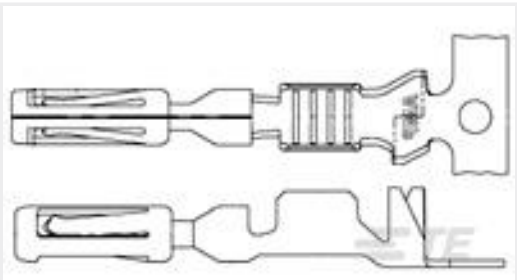


Push Button Switches(42)

Customers Also Bought

PBES16L1OR

Emergency Stop Switch, Single Pole - Single Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, Illuminated, ALCOSWITCH PBES16



TE Part #770520-1  
AMPSEAL, TERMINAL, TIN PLATE, 16-20AWG WIRE



TE Part #5-826936-0  
AMP AMPMODU II PIN HDR.



TE Part #1622526-1  
LR1 1% 5K1



TE Part #1-1676480-4  
CRG0402 1% 150R



TE Part #1825910-6  
FSM4JH=6MM TACT SWITCH, HIGH TEMP



TE Part #1-2176365-0  
RQ 0603 49R9 0.1% 10PPM 1K RL

Documents

Product Drawings

PBES16 28 INCA 14V AC/DC 40mA 000 1NC

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2381880-3\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2381880-3\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2381880-3\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

ALCOSWITCH PBES16 Series

English