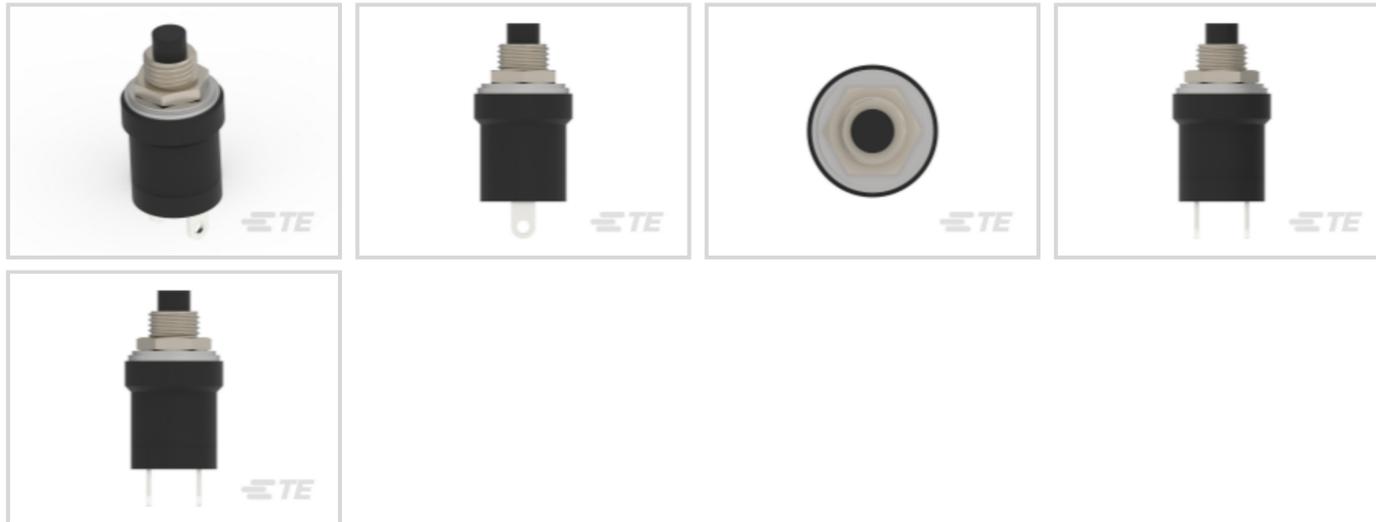




Switches > Push Button Switches



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

Push Button Switch Product Type: **General Purpose Push Button 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 | General Purpose Push Button Switch |
| Illuminated                     | Without                            |
| Actuator Style                  | Round Actuator                     |

### Configuration Features

|                            |                            |
|----------------------------|----------------------------|
|                            | .253 in                    |
| Configuration (Pole-Throw) | Single Pole - Single Throw |
| Number of Actuators        | Single                     |
| Snap Action                | Without                    |
| Support Bracket            | Without                    |
| Switch Feedback Type       | Non-Tactile                |
| Operating Function         | NC, Momentary              |

### Electrical Characteristics

|                        |     |
|------------------------|-----|
| Contact Current Rating | 3 A |
|------------------------|-----|

|                         |         |
|-------------------------|---------|
| Operating Voltage Range | 125 VAC |
|-------------------------|---------|

### Body Features

|                     |               |
|---------------------|---------------|
| Case Material       | Phenol Resin  |
| Actuator Material   | Thermoplastic |
| Product Orientation | Vertical      |
| Actuator Profile    | Extended      |
| Bushing Style       | Threaded      |
| Bushing Thread Size | 1/4-40        |
| Actuator Color      | Black         |

### Contact Features

|                                 |              |
|---------------------------------|--------------|
| Contact Base Material           | Copper Alloy |
| Switch Contact Plating Material | Silver       |

### Housing Features

|                |    |
|----------------|----|
| Low Profile    | No |
| Process Sealed | No |

### Dimensions

|                 |                  |
|-----------------|------------------|
| Button Width    | 3.98 mm[.157 in] |
| Bushing Length  | 5.97 mm[.235 in] |
| Actuator Length | 2.5 mm[.098 in]  |

### Usage Conditions

|                             |                          |
|-----------------------------|--------------------------|
| Operating Temperature Range | -20 – 80 °C[-4 – 176 °F] |
|-----------------------------|--------------------------|

### Packaging Features

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

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Not Compliant                                      |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                          |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)       |



Candidate List Declared Against: JUNE 2024 (241)  
 SVHC > Threshold:  
 Pb (3.7% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Hand solderable with lead free solder

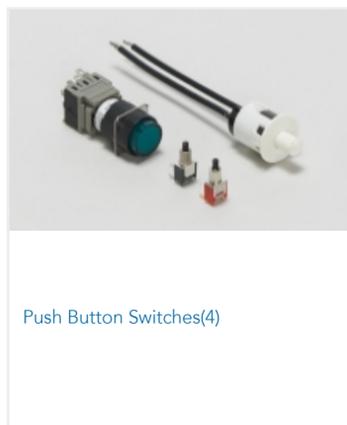
**Product Compliance Disclaimer**

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>

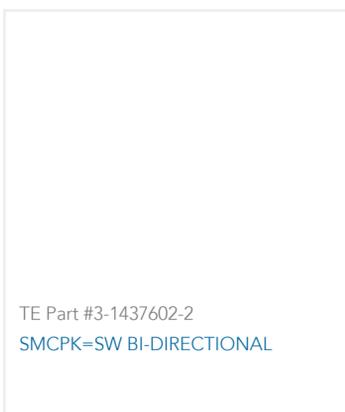
## Compatible Parts



## Also in the Series | ALCOSWITCH MSP3



## Customers Also Bought



## Documents

### Product Drawings

MSP103B04

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1825516-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825516-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825516-1\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages



[SWITCHES\\_CORE\\_PROGRAM\\_CATALOG](#)

English

[8-1773450-9\\_SWITCHES\\_CATALOG\\_SECTION\\_D\\_PUSHBUTTON\\_SWITCHES](#)

English