



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	NO, Momentary

### Electrical Characteristics

Contact Current Rating	3 A
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Operating Voltage Range	125 VAC
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### 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]
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### Packaging Features

Packaging Method	Bulk
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
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 2025 (250)  
 SVHC > Threshold:  
 Pb (3.7% in 4776931)

**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

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 # 1825333-2  
 MSP103C0G04 Pushbutton switch

TE Part # 1825516-1  
 MSP103B04

TE Part # 1825516-2  
 MSP103C04

TE Part # 1825516-4  
 MSP103C204

## Also in the Series | ALCOSWITCH MSP3

General Purpose Push Button Switches (4)

Push Button Switches(4)

## Customers Also Bought



TE Part #800631-SF  
FN2080-3-07



TE Part #802440-SF  
FN2090-6-06



TE Part #3-640431-3  
03P MTA156 CONN ASSY 18AWG  
ORA



TE Part #867624-1  
LGH 6 POS PLUG KIT



TE Part #9-1393211-7  
T92S7A12-120



TE Part #8-1437627-5  
G12KB=BUTTON GUARD KNURL  
BLACK



TE Part #3-1571987-4  
A205J61ZQ0004=DBL POLE,ROCKER



TE Part #3-1676625-2  
HSA25 33R 1%



TE Part #3-6609107-9  
PS000SSX0=C1085



TE Part #208130-1  
CPC RECPT ASSEMBLY SIZE 11-4

## Documents

### Product Drawings

[MSP103C004](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1825516-3\\_C.2d\\_dxf.zip](#)

English

Customer View Model

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

English

Customer View Model

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

English

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

### Datasheets & Catalog Pages



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

English