

MPS-103F

✓ ACTIVE

ALCOSWITCH | ALCOSWITCH Blue Series

TE Internal #: 1977739-2

General Purpose Push Button Switch, Single Pole - Double Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, ALCOSWITCH Blue Series

[View on TE.com >](#)



Switches > Push Button Switches



Configuration (Pole-Throw): **Single Pole - Double 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	Cap Actuator - Order Separately

Configuration Features

Panel Cutout Size	6.5 (Diameter) mm[.256 in]
Configuration (Pole-Throw)	Single Pole - Double Throw
Number of Actuators	Single
Snap Action	With
Switch Feedback Type	Non-Tactile
Operating Function	On (On)

Electrical Characteristics

Contact Current Rating	3 A
Operating Voltage Range	125 VAC



Body Features

Case Material	Epoxy Resin
Sealing Method	Epoxy
Actuator Material	Nickel-Plated Copper Alloy
Product Orientation	Vertical
Actuator Force	300 g[10.6 oz]
Actuator Profile	Extended
Bushing Style	Threaded
Bushing Thread Size	1/4-40
Actuator Color	Natural

Contact Features

Contact Base Material	Brass
Switch Contact Plating Material	Silver

Mechanical Attachment

Attachment Method	Screw-On
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Housing Features

Low Profile	No
Process Sealed	No

Dimensions

Button Width	2.8 mm[.11 in]
Cap Diameter	10.01 mm[.394 in]
Actuator Length	8 mm[.315 in]

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	Not Yet Reviewed
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 34937378353)

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

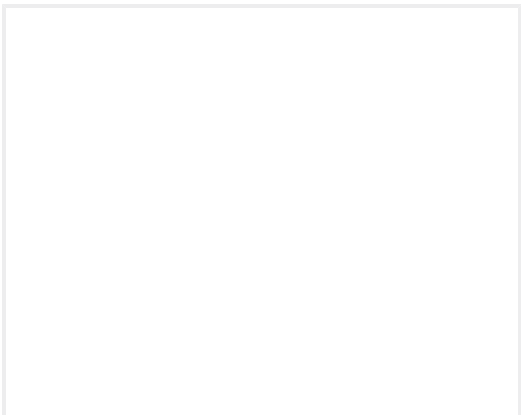
Product Compliance Disclaimer

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

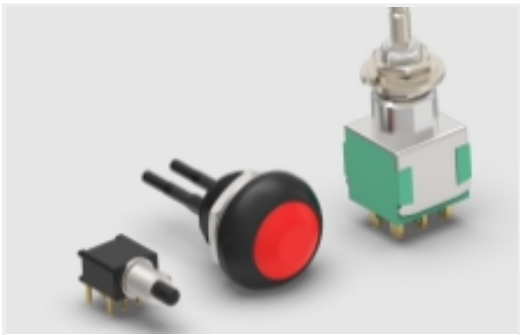


TE Part # 1977740-2
MPS103FPC PSHBTN SPDT MMNTRY



TE Part # 1977389-1
1Dual SP4T slide switch with cover

Also in the Series | ALCOSWITCH Blue Series



General Purpose Push Button Switches (7)



Push Button Switches(7)

Customers Also Bought



TE Part #254415-E
SMCQ 20 M AB VV 8-23 CL * H007 137 E005

TE Part #394337-E
M12 MALE, UNI CODE, 5P, 10.5MM SMT, DI

TE Part #32959
TERMINAL,PG R 16-14 8

TE Part #826647-3
3P AMPMODU II STIFT LEI

TE Part #969973-4
2x4P HV100 REC. CON, SMD, GOLD, BLISTER

TE Part #1419106-1
27E006=SOCKET,KH,14,SLG,G/T,PH

TE Part #5-1437624-9
PKG40B1/8=KNOB PLASTIC 1/8 LEX

TE Part #1-1609034-5
10VSB1=F8331

TE Part #1617148-4
JMGAPD-26M = M39016/18-030M

TE Part #1825069-2
C23204 CAP RED

Documents

Product Drawings
MPS103F PSHBTTN SPDT MMNTRY
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1977739-2_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1977739-2_C.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1977739-2_C.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



8-177346-1_ALCOSWITCH_BLUE_PUSHBUTTON

English