

# MPS-203R ✓ ACTIVE

Alcoswitch | Alcoswitch Blue Series

TE Internal #: 1977739-4

Push Button Switches, Double Pole - Double Throw Configuration (Pole-Throw), Switch, Single Actuator, Alcoswitch Blue Series

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > Push Button Switches



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

Push Button Switch Product Type: **Switch**

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Threaded**

## Features

### Product Type Features

Switch Type	Pushbutton
Dust Proof	No
Push Button Switch Product Type	Switch
Illuminated	No
Actuator Style	Cap - Order Separately

### Configuration Features

Ganged	No
Panel Cutout Size	6.5 (Diameter) mm[.256 in]
Configuration (Pole-Throw)	Double Pole - Double Throw
Number of Actuators	Single
Snap Action	With
Tactile	No
Operating Function	On (On)

### Electrical Characteristics



Push Button Switch Voltage Rating	125 VAC
-----------------------------------	---------

### Body Features

Boot Color	Black
Guard Color	Chromed Brass
Cap Color	Black
Seal Type	Epoxy
Case Material	Epoxy Resin
Actuator Material	Nickel-Plated Copper Alloy
Actuator Profile	Extended
Bushing Style	Threaded
Bushing Thread Size	1/4-40
Actuator Color	Natural

### Contact Features

Contact Base Material	Brass
Push Button Switch Contact Current Rating	3 A
Switch Contact Plating Material	Silver

### Termination Features

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

### Mechanical Attachment

Attachment Method	Screw-On
Mounting Angle	Vertical
Screw & Hole Thread Size	1/4-40
Push Button Switch Mounting Type	Panel

### Housing Features

Low Profile	No
Process Sealed	No

### Dimensions

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

### Operation/Application



For Use With	C22 Cap
--------------	---------

**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
-----------------------------	-----------

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
---	--------------------------------------

EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)                  Candidate List Declared Against: JAN 2022 (223)                  SVHC &gt; Threshold:                  Pb (1.4% in Component Part)</p> <p><b>Article Safe Usage Statements:</b>                  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.</p>
--	---

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

TE Part # 1977391-2  
SLIDE SW, SPDT R/A KINKED BOARD LOCK, AU



## Also in the Series | [Alcoswitch Blue Series](#)



[Push Button Switches\(7\)](#)

### Documents

#### Product Drawings

[MPS203R PSHBTTN DPDT MMNTRY](#)

English

#### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1977739-4\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1977739-4\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1977739-4\\_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