



Relays, Contactors & Switches > Switches > Push Button Switches



Configuration (Pole-Throw): **Single 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)	Single Pole - Double Throw
Number of Actuators	Single
Snap Action	With
Tactile	No
Operating Function	On On

### Electrical Characteristics

Push Button Switch Voltage Rating	30 VDC
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### 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	.06 A
Switch Contact Plating Material	Gold

#### Termination Features

Termination Type	Printed Circuit
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#### 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]
Bushing Length	8 mm[.315 in]
Cap Diameter	10.01 mm[.394 in]

#### Operation/Application

For Use With	C22 Cap
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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	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

### 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Also in the Series | **Alcoswitch Blue Series**



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

## Documents

[Product Drawings](#)



MPS1004DPC PSHBTN 0.4VA SPDT

English

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**Datasheets & Catalog Pages**

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English