



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: **Unthreaded**

Features

Product Type Features

Switch Type	Pushbutton
Dust Proof	No
Push Button Switch Product Type	Switch
Illuminated	No
Actuator Style	Round

Configuration Features

ESD Grounding Terminal	Without
Ganged	No
Configuration (Pole-Throw)	Single Pole - Double Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Tactile	No
Operating Function	Momentary

Electrical Characteristics

Push Button Switch Voltage Rating	20 VDC
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Body Features

Actuator Force	50 – 400 g[1.77 – 14.12 oz]
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Case Material	Polyester
Actuator Material	Polyamide
Actuator Profile	Extended
Bushing Style	Unthreaded
Actuator Color	Black

Contact Features

Contact Base Material	Copper Alloy
Push Button Switch Contact Current Rating	.4 A
Switch Contact Plating Material	Gold over Nickel

Termination Features

Termination Type	Printed Circuit
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Mechanical Attachment

Mounting Angle	Right Angle
Push Button Switch Mounting Type	Through Hole

Housing Features

Low Profile	No
Process Sealed	Yes

Dimensions

Actuator Length	3.48 mm[.137 in]
Button Width	2.54 mm[.1 in]
Bushing Diameter	4.78 mm[.188 in]
Bushing Length	3.56 mm[.14 in]

Usage Conditions

Temperature Rating	High
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Packaging Features

Packaging Method	Bulk
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Other

Comment	Each switch is provided with a disposable boot used only during cleaning operation.
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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 Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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	Not Yet Reviewed for halogen content
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.

Compatible Parts

TE Part # 2-1825097-1
TPBF11CGRA004

TE Part # 1825097-1
TPB11CGPC004

TE Part # 1-1825097-2
TPB11FGRA204

TE Part # 5-1437571-7
TPB11CGRA0=TPB PUSHBUTTON
BLAC

TE Part # 6-1437571-2
TPB11CGRAES2=SW PUSHBUTTON
SPD

TE Part # 9-1437571-2
TPBF11CGPCES0=FLUSH PLUNGER
PU



Also in the Series | [Alcoswitch TP-ES](#)



[Push Button Switches\(15\)](#)

Documents

Product Drawings

[TPB11FGRAES0=SW PUSHBUTTON S.P](#)

English

Datasheets & Catalog Pages

[TP Series Data Sheet](#)

English