

1825100-7 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch TPF](#)

TE Internal #: 1825100-7

Push Button Switches, Single Pole - Double Throw Configuration (Pole-Throw), Switch, Single Actuator, Extended Actuator Profile, Alcoswitch TPF

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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 | Round |

Configuration Features

| | |
|----------------------------|----------------------------|
| ESD Grounding Terminal | Without |
| Ganged | No |
| Panel Cutout Size | 6.5 (Diameter) mm |
| 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 |
|-----------------------------------|--------|

Body Features



| | |
|---------------------|-----------------------------|
| Seal Type | Terminal Seal (Epoxy) |
| Actuator Force | 50 – 400 g[1.77 – 14.12 oz] |
| Case Material | Polyester |
| Actuator Material | Thermoplastic |
| Actuator Profile | Extended |
| Bushing Style | Threaded |
| Bushing Thread Size | 1/4-40 |
| 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 |
|------------------|-----------------|

Mechanical Attachment

| | |
|----------------------------------|---------------|
| Mounting Angle | Vertical |
| Screw & Hole Thread Size | 1/4-40 UNS-2A |
| Push Button Switch Mounting Type | Through Hole |

Housing Features

| | |
|----------------|----|
| Low Profile | No |
| Process Sealed | No |

Dimensions

| | |
|-----------------|------------------|
| Actuator Length | 4.32 mm[.17 in] |
| Button Width | 3.35 mm[.132 in] |

Usage Conditions

| | |
|--------------------|------|
| Temperature Rating | High |
|--------------------|------|

Packaging Features

| | |
|------------------|------|
| Packaging Method | Bulk |
|------------------|------|

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

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.

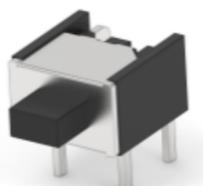
Compatible Parts



TE Part # 1825095-1
TP11CGPC004



TE Part # 1825095-2
TP11CGPC204



TE Part # 1825095-3
TP11CGRA004



TE Part # 7-1437571-7
TPB11FGVRA0=TINY PUSHBUTTON



TE Part # 1437571-4
TP11CGPC0=SWITCH P/B N/O BLACK

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



[Push Button Switches\(14\)](#)

Documents

[Product Drawings](#)

[TPF11FGPC004](#)

English

[Datasheets & Catalog Pages](#)

[TP Series Data Sheet](#)

English