

1825099-1 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch TPD](#)

TE Internal #: 1825099-1

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

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Relays, Contactors & Switches > Switches > Push Button Switches



Configuration (Pole-Throw): **Single Pole - Single 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 - Single Throw |
| Number of Actuators | Single |
| Snap Action | Without |
| Support Bracket | Without |
| Tactile | No |
| Operating Function | NO, 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 | Thermoplastic |
| Actuator Material | Thermoplastic |
| Actuator Profile | Extended |
| Bushing Style | Unthreaded |
| Actuator Color | Black |

Contact Features

| | |
|---|------------------|
| 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 |
| Push Button Switch Mounting Type | Through Hole |

Housing Features

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

Dimensions

| | |
|-----------------|------------------|
| Actuator Length | 4.01 mm[.158 in] |
| Button Width | 3.35 mm[.132 in] |

Usage Conditions

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

Packaging Features

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

Other

| | |
|---------|--------------------|
| Comment | No center terminal |
|---------|--------------------|



Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| 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: JUNE 2022 (224) Does not contain REACH SVHC |
| 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 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

| | | | |
|---|---|--|--|
|  <p>TE Part # 1825095-1 TP11CGPC004</p> |  <p>TE Part # 1825095-2 TP11CGPC204</p> |  <p>TE Part # 1825095-3 TP11CGRA004</p> |  <p>TE Part # 7-1437571-7 TPB11FGVRA0=TINY PUSHBUTTON</p> |
|  <p>TE Part # 1437571-4 TP11CGPC0=SWITCH P/B N/O BLACK</p> |  <p>TE Part # 1825099-3 TPD11CGRA004</p> | | |



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



[Push Button Switches\(11\)](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1825099-1_A_c-1825099-1-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825099-1_A_c-1825099-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1825099-1_A_c-1825099-1-a.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

TP Series Data Sheet

English