

HCP16DTD5L04 ✓ ACTIVE

TE Internal #: 2-2435260-3

Snap Action Switches, Single Pole - Double Throw Configuration (Pole-Throw), Short Roller Actuator Style, 16 A, 125 VAC, 250 VDC

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Relays, Contactors & Switches > Switches > Snap Action Switches



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

Actuator Style: **Short Roller**

Snap Action Switch Contact Current Rating: **16 A**

Snap Action Switch Voltage Rating: **250 VDC**

Features

Product Type Features

| | |
|------------------------|------------------------|
| Product Type | Switch |
| Switch Type | Snap Action |
| Actuator Style | Short Roller |
| Switch Connection Type | Quick Connect Terminal |
| Switch Style | Miniature |

Configuration Features

| | |
|----------------------------|----------------------------|
| Operating Position | 20.7 mm[.814 in] |
| Configuration (Pole-Throw) | Single Pole - Double Throw |

Electrical Characteristics

| | |
|-----------------------------------|---------|
| Snap Action Switch Voltage Rating | 250 VDC |
|-----------------------------------|---------|

Body Features

| | |
|-----------------------|-----------------|
| Movement Differential | .45 mm[.017 in] |
| Releasing Force | 25 g[.881 oz] |

Contact Features

| | |
|---|------|
| Snap Action Switch Contact Current Rating | 16 A |
|---|------|



Termination Features

| | |
|------------------|------------------------------------|
| Termination Type | .187 x .02 Quick Connect Terminals |
|------------------|------------------------------------|

Mechanical Attachment

| | |
|-----------------------------------|----------|
| Snap Action Switch Mounting Angle | Vertical |
|-----------------------------------|----------|

Housing Features

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|------------------|-----|
| Housing Material | PBT |
|------------------|-----|

Dimensions

| | |
|------------|-----------------|
| Pre Travel | 2.7 mm[.106 in] |
|------------|-----------------|

Operation/Application

| | |
|-----------------|-----------------|
| Operating Force | 170 g[5.996 oz] |
|-----------------|-----------------|

Other

| | |
|-------------|-----------------|
| Over Travel | 1.1 mm[.043 in] |
|-------------|-----------------|

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 | 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed for solder process capability |

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



Documents

Product Drawings

[HCP16A, Lgt Force, 0.187 Term.Sht Roller](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-2435260-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2435260-3_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2435260-3_A.2d_dxf.zip](#)

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ALCOSWITCH_HCP_SERIES](#)

English