

HCP16DTD1L04

✓ ACTIVE

ALCOSWITCH | ALCOSWITCH HCP

TE Internal #: 2435260-7

16 A Snap Action Switch, Single Pole - Double Throw Configuration (Pole-Throw), Small Lever, 125 VAC / 250 VAC, ALCOSWITCH HCP

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Switches > Snap Action Switches > HCP



Contact Current Rating: 16 A

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

Actuator Style: Small Lever

Operating Voltage: 125 VAC, 250 VAC

Operating Force: 150 g [ 5.291 oz ]

[All HCP \(72\)](#)

Features

Product Type Features

|                        |                        |
|------------------------|------------------------|
| Actuator Style         | Small Lever            |
| Switch Style           | Miniature              |
| Switch Connection Type | Quick Connect Terminal |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Operating Position         | 15.3 mm[.602 in]           |
| Configuration (Pole-Throw) | Single Pole - Double Throw |

Electrical Characteristics

|                        |                  |
|------------------------|------------------|
| Contact Current Rating | 16 A             |
| Operating Voltage      | 125 VAC, 250 VAC |

Body Features

|                       |                |
|-----------------------|----------------|
| Releasing Force       | 21 g[.74 oz]   |
| Movement Differential | .5 mm[.019 in] |
| Product Orientation   | Vertical       |



Dimensions

|            |                |
|------------|----------------|
| Pre Travel | 2.8 mm[.11 in] |
|------------|----------------|

Operation/Application

|                 |                 |
|-----------------|-----------------|
| Operating Force | 150 g[5.291 oz] |
|-----------------|-----------------|

Other

|             |               |
|-------------|---------------|
| Over Travel | 1 mm[.039 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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



Also in the Series | [ALCOSWITCH HCP](#)



Documents

Product Drawings

[HCP16A, Lgt Force, 0.187 Term, Small LVR](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2435260-7\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2435260-7\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2435260-7\\_A.2d\\_dxf.zip](#)

English

3D PDF

3D

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Datasheets & Catalog Pages

[ALCOSWITCH\\_HCP\\_SERIES](#)

English