



Relays, Contactors & Switches > Switches > Snap Action Switches



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

Actuator Style: **Short Roller**

Snap Action Switch Contact Current Rating: **20 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
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Body Features

Movement Differential	.45 mm[.017 in]
Releasing Force	45 g[1.587 oz]

Contact Features

Snap Action Switch Contact Current Rating	20 A
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Termination Features

Termination Type	.187 x .02 Quick Connect Terminals
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Mechanical Attachment

Snap Action Switch Mounting Angle	Vertical
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Housing Features

Housing Material	PBT
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Dimensions

Pre Travel	2.7 mm[.106 in]
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Operation/Application

Operating Force	310 g
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Other

Over Travel	1.1 mm[.043 in]
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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

[HCP20A, Hvy Force, 0.187 Term.Sht Rolle](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-2435261-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2435261-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2435261-1_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