

Alcoswitch

TE Internal #: 2351450-1

TE Internal Description: SMINSA SW PPL 1.47N 5A/3A AC 3A DC SP

[View on TE.com >](#)

Relays, Contactors & Switches > Switches > Snap Action Switches

Configuration (Pole-Throw): **Single Pole - Double Throw**Actuator Style: **Pin Plunger**Contact Current Rating: **3 A**Voltage Rating: **250 VAC****Features****Product Type Features**

Product Type	Switch
Switch Type	Snap Action
Actuator Style	Pin Plunger
Switch Style	Miniature

Configuration Features

Operating Position	8.4 mm
Configuration (Pole-Throw)	Single Pole - Double Throw

Electrical Characteristics

Voltage Rating	250 VAC
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Body Features

Movement Differential	.1 mm
Releasing Force	25 g

Contact Features

Switch Contact Plating Material	Silver
Contact Base Material	Ag Alloy



Contact Current Rating	3 A
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Termination Features

Termination Type	Solder
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Mechanical Attachment

Mounting Angle	Vertical
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Dimensions

Pre Travel	.5 mm
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Operation/Application

Operating Force	150 g[5.3 oz]
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Other

Over Travel	.5 mm
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197)
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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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 Model / Part # 2351451-1
SMINSA SW HLV1.47N 5A /3A AC 3A DC SP



TE Model / Part # 2351456-1
SMINSA SW 18UPLV 1.47 N 5A/3A AC 3A DC SP

Documents

Product Drawings

[SMINSA SW PPL 1.47N 5A/3A AC 3A DC SP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2351450-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2351450-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2351450-1_A.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[SAJ2 Series Snap Action Switches Data Sheet](#)

English