

## Alcoswitch

TE Internal #: 2351445-5

TE Internal Description: UMINSA SW HLV0.88N 3A/1.5A AC NC

PCB

[View on TE.com >](#)

Relays, Contactors &amp; Switches &gt; Switches &gt; Snap Action Switches

Configuration (Pole-Throw): **Single Pole - Single Throw**Actuator Style: **Lever**Contact Current Rating: **3 A**Voltage Rating: **125 VAC**Operating Force: **40 g [ 1.4 oz ]****Features****Product Type Features**

|                |                 |
|----------------|-----------------|
| Product Type   | Switch          |
| Switch Type    | Snap Action     |
| Actuator Style | Lever           |
| Switch Style   | Ultra Miniature |

**Configuration Features**

|                            |                            |
|----------------------------|----------------------------|
| Operating Position         | 8.5 mm                     |
| Configuration (Pole-Throw) | Single Pole - Single Throw |

**Electrical Characteristics**

|                |         |
|----------------|---------|
| Voltage Rating | 125 VAC |
|----------------|---------|

**Body Features**

|                       |       |
|-----------------------|-------|
| Movement Differential | .5 mm |
| Releasing Force       | 2 g   |

**Contact Features**

|                                 |        |
|---------------------------------|--------|
| Switch Contact Plating Material | Silver |
|---------------------------------|--------|

|                       |          |
|-----------------------|----------|
| Contact Base Material | Ag Alloy |
|-----------------------|----------|

|                        |     |
|------------------------|-----|
| Contact Current Rating | 3 A |
|------------------------|-----|

### Termination Features

|                  |                       |
|------------------|-----------------------|
| Termination Type | Printed Circuit Board |
|------------------|-----------------------|

### Mechanical Attachment

|                |          |
|----------------|----------|
| Mounting Angle | Vertical |
|----------------|----------|

### Operation/Application

|                 |              |
|-----------------|--------------|
| Operating Force | 40 g[1.4 oz] |
|-----------------|--------------|

### Other

|             |        |
|-------------|--------|
| Over Travel | .55 mm |
|-------------|--------|

## 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: JUL 2019 (201)<br>Candidate List Declared Against: JAN 2019 (197)<br>Does not contain REACH SVHC |
|--|---|

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|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2019 (201)<br>Candidate List Declared Against: JAN 2019 (197) |
|--|--|

|                 |  |
|-----------------|--|
| 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



TE Model / Part # 2351445-4  
UMINSA SW HLV0.88N 3A /1.5A AC SC PCB



TE Model / Part # 2351445-6  
UMINSA SW HLV0.88N 3A /1.5A AC NO PCB

## Documents

### Product Drawings

[UMINSA SW HLV0.88N 3A/1.5A AC NC PCB](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2351445-5\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2351445-5\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2351445-5\\_A.3d\\_stp.zip](#)

English

### Datasheets & Catalog Pages

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

English