

DST12DY252

✓ ACTIVE

Alcoswitch | Alcoswitch DST

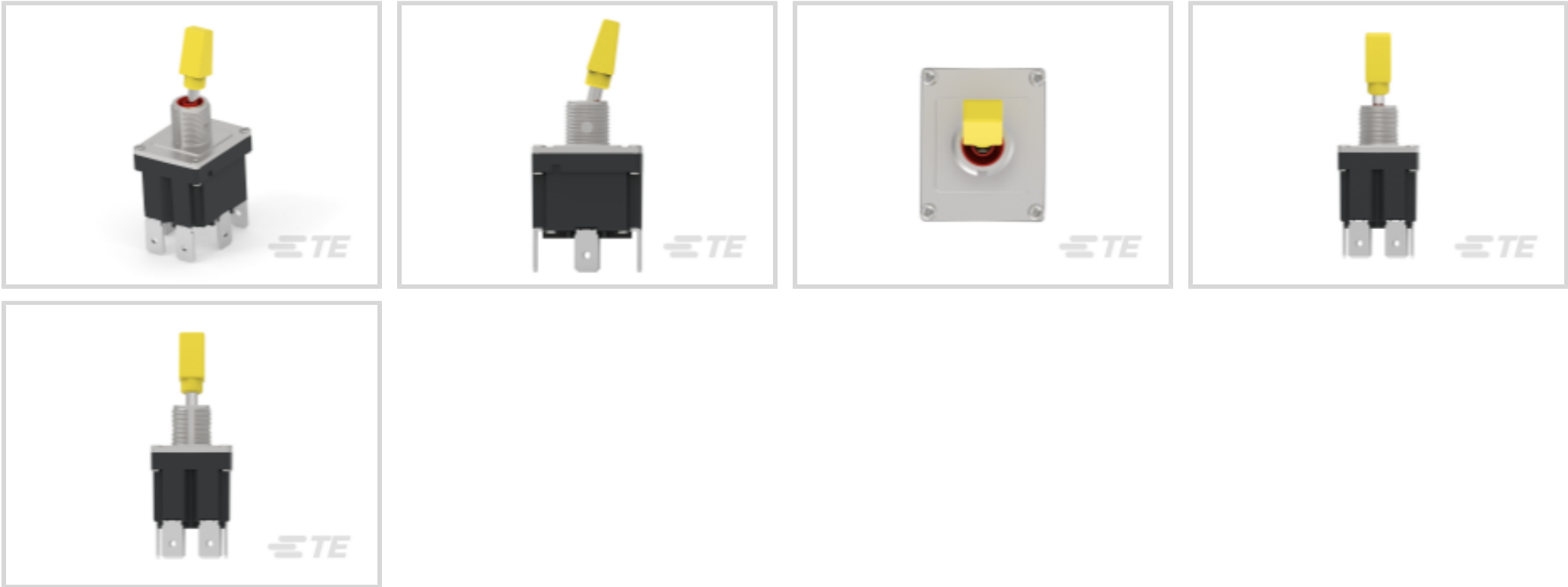
TE Internal #: 1-2493903-3

12 A Toggle Switch, Double Pole - Double Throw Configuration (Pole-Throw), On Off On, 3 Position, 250 VAC, Panel Mount, Vertical, Alcoswitch DST

[View on TE.com >](#)



Switches > Toggle Switches



Contact Current Rating: 12 A

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

Operating Function: On Off On

Number of Positions: 3

Operating Voltage: 250 VAC

Features

Product Type Features

|                        |                        |
|------------------------|------------------------|
| Sealed Device          | Yes                    |
| Switch Connection Type | Quick Connect Terminal |
| Toggle Style           | Baton                  |
| Switch Type            | Power Toggle Switch    |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Configuration (Pole-Throw) | Double Pole - Double Throw |
| Operating Function         | On Off On                  |
| Number of Positions        | 3                          |

Electrical Characteristics

|                                       |          |
|---------------------------------------|----------|
| Dielectric Withstanding Voltage (Max) | 1500 VAC |
| Contact Resistance                    | 20 mΩ    |
| Insulation Resistance                 | 1000 MΩ  |
| Contact Current Rating                | 12 A     |
| Operating Voltage                     | 250 VAC  |



Body Features

|                     |          |
|---------------------|----------|
| Product Orientation | Vertical |
| Bushing Style       | Threaded |
| Bushing Thread Size | 15/32-32 |

Contact Features

|                                 |        |
|---------------------------------|--------|
| Contact Base Material           | Copper |
| Switch Contact Plating Material | Silver |

Mechanical Attachment

|                    |             |
|--------------------|-------------|
| Product Mount Type | Panel Mount |
|--------------------|-------------|

Industry Standards

|                        |          |
|------------------------|----------|
| IP Rating              | IP67     |
| UL Flammability Rating | UL 94V-0 |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                  |
| EU ELV Directive 2000/53/EC                   | Not Yet Reviewed                                                                                                                                                                                                                                                                                                                                                                                                           |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (4% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                                                                                                                                                                                                                                                                                                        |
| 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

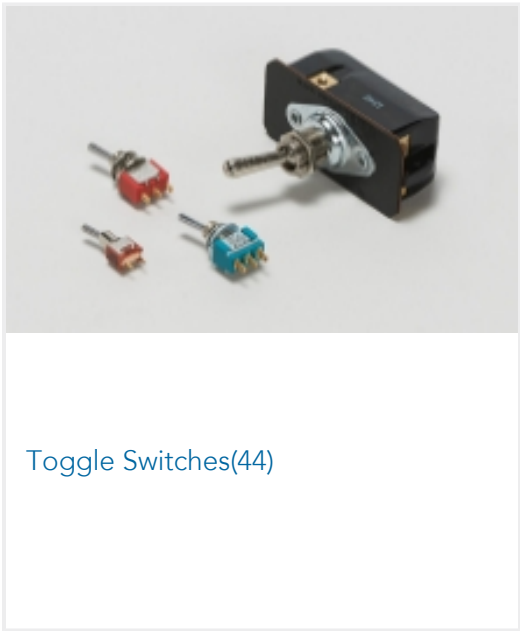


as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight 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 DST



Documents

Product Drawings

DST TOGGLE 2P 12A SLDTAB On-Off-On

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-2493903-3\_1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2493903-3\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2493903-3\_1.2d\_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages  
Sealed Toggle Switches - Type DST Series  
English