



Alcoswitch

TE Internal #: 1437562-3

Toggle Switches, Double Pole - Double Throw Configuration (Pole-Throw), Sealed, Copper Alloy, Gold over Nickel, Terminal Seal (Epoxy), Baton Short

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Relays, Contactors & Switches > Switches > Toggle Switches



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

Sealed Device: **Yes**

Contact Base Material: **Copper Alloy**

Switch Contact Plating Material: **Gold over Nickel**

Process Sealed: **No**

**Features**

**Product Type Features**

Product Type	Switch
Sealed Device	Yes
Toggle Style	Baton Short
Toggle Switch Type	Toggle
Toggle Actuation	Vertical

**Configuration Features**

Configuration (Pole-Throw)	Double Pole - Double Throw
Operating Function	On None On

**Electrical Characteristics**

Dielectric Strength	1000 VAC
Insulation Resistance	1000 MΩ
Toggle Switch Voltage Rating	20 VDC

**Body Features**

Actuator Finish	Nickel
Color	Black
Toggle Switch Seal Type	Terminal Seal (Epoxy)
Bushing Style	Unthreaded

**Contact Features**

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Gold over Nickel
Toggle Switch Contact Current Rating	.4 A

#### Termination Features

Termination Type	Printed Circuit, Vertical
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#### Mechanical Attachment

Toggle Switch Mounting Type	Through Hole
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#### Housing Features

Process Sealed	No
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#### Dimensions

Toggle Length	5.48 mm [.216 in]
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#### Industry Standards

UL Flammability Rating	UL 94V-0
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

#### 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

[TT21NGPC1=SW TOGGLE W/GOLD PC](#)

English

### Datasheets & Catalog Pages

[SWITCHES\\_CORE\\_PROGRAM\\_CATALOG](#)

English