

TE Internal #: K1148009

Toggle Switches, Double Pole - Double Throw Configuration (Pole-Throw), M12 x .75, Sealed, Copper, Silver Tin Oxide, Process Sealed, Toggle Lever

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > Toggle Switches



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

Bushing Thread Size: **M12 x .75**

Sealed Toggle Switch: **Yes**

Contact Base Material: **Copper**

Switch Contact Plating Material: **Silver Tin Oxide**

## Features

### Product Type Features

Sealed Toggle Switch	Yes
Toggle Style	Lever
Toggle Switch Type	Toggle
Toggle Actuation	Horizontal

### Configuration Features

Configuration (Pole-Throw)	Double Pole - Double Throw
Operating Function	(On) Off (On)

### Electrical Characteristics

Toggle Switch Voltage Rating	28 VDC
------------------------------	--------

### Body Features

Bushing Thread Size	M12 x .75
Toggle Switch Seal Type	Toggle Lever
Bushing Style	Threaded

### Contact Features



Contact Base Material	Copper
Switch Contact Plating Material	Silver Tin Oxide

### Mechanical Attachment

Toggle Switch Mounting Type	Through Hole
-----------------------------	--------------

### Housing Features

Process Sealed	Yes
----------------	-----

## Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Part # CAT-AL8-KSFG07  
Flip Cover Switch Guard, 07 Toggle Switch, Feed-Through



TE Part # CAT-AL8-KSTS071  
Toggle Switch 1-Pole, Sealed, Lever, Toggle




TE Part # CAT-AL8-KSTS072  
Toggle Switch 2-Pole, Sealed, Lever, Toggle




TE Part # CAT-AL8-KSTS074  
Toggle Switch 4-Pole, Sealed, Lever, Toggle



TE Part # CAT-AL8-KSFG08  
Flip Cover Switch Guard, 08 Toggle Switch, Feed-Through



TE Part # CAT-AL8-KSTS081  
Toggle Switch 1-Pole, Sealed, Lever, Toggle, Plastic Lever



TE Part # CAT-AL8-KSTS082  
Toggle Switch 2-Pole, Sealed, Lever, Toggle, Plastic Lever



TE Part # CAT-AL8-KSTS091  
Toggle Switch 1-Pole, Sealed, Lever, Toggle, Metal Lever



TE Part # K1156608  
Toggle Switch 07-1-3-13 934



TE Part # K1127218  
Toggle Switch 07-2-1-23 A



TE Part # K1042319  
Toggle Switch 07-2-2-17 918



TE Part # K1144150  
Toggle Switch 07-2-3-15 935



TE Part # K1141903  
Toggle Switch 08-1-1-10 955



TE Part # K2001820  
Toggle Switch 08-1-1-17 L



TE Part # K1162570  
Toggle Switch 08-1-2-13 D 955



TE Part # K1013079  
Toggle Switch 08-2-1-23 A



TE Part # K2001897  
Toggle Switch 08-2-2-22



TE Part # K1007177  
Toggle Switch 08-4-1-14

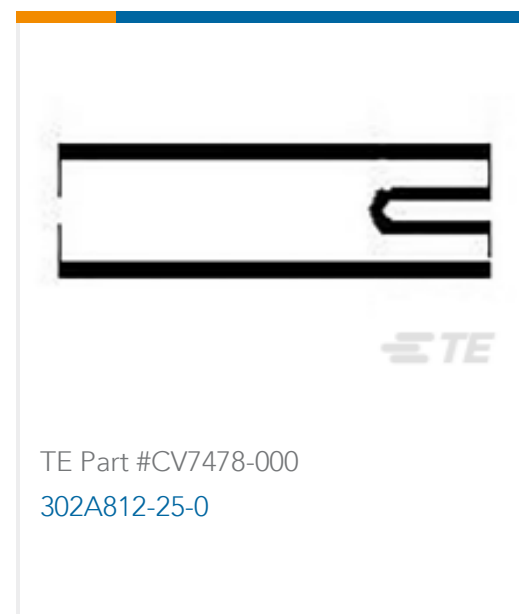


TE Part # K1040465  
Toggle Switch 08-4-1-20 A



TE Part # K1153740  
Toggle Switch 08-4-1-20 A 940 with Bund

## Customers Also Bought



## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_09-2-1-17\\_E\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_09-2-1-17\\_E\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_09-2-1-17\\_E\\_1.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[KISSLING TOGGLE SWITCH Series 09](#)

English