

1-1825136-3 ✓ ACTIVE

Alcoswitch | Alcoswitch Gemini A

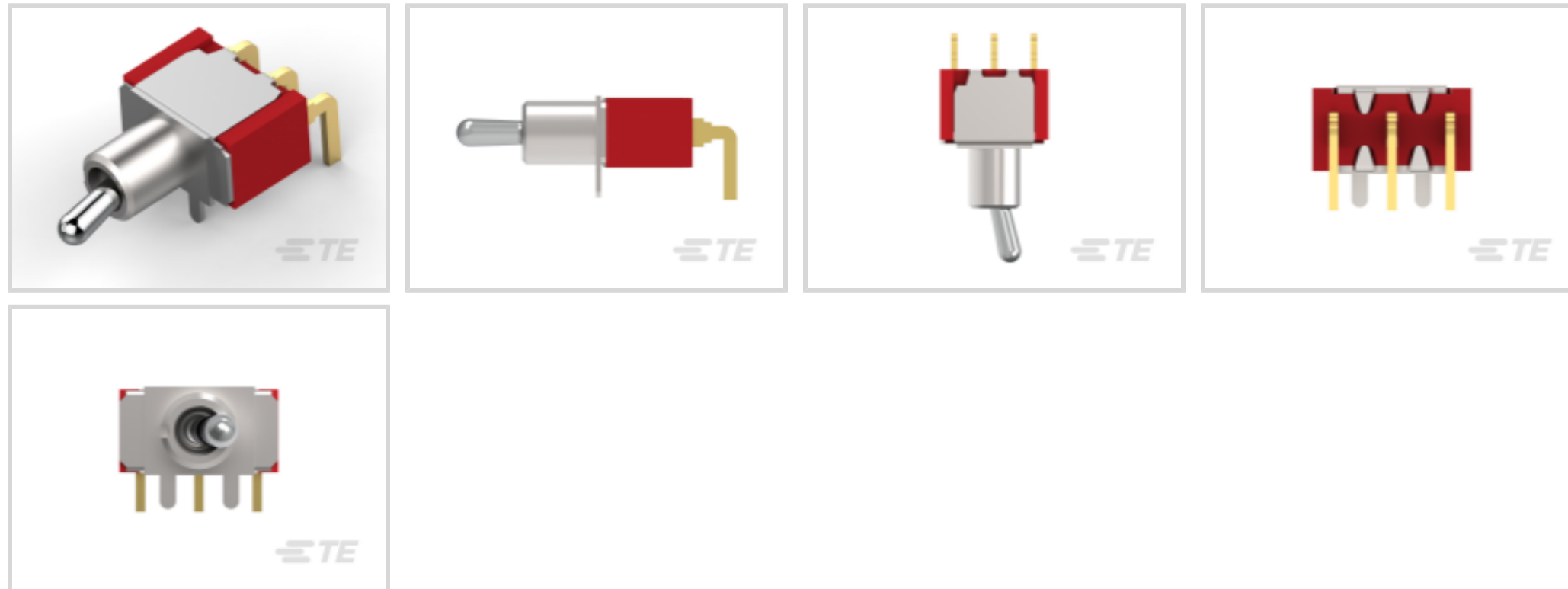
TE Internal #: 1-1825136-3

Alcoswitch Gemini A, Toggle Switches, Single Pole - Double Throw Configuration (Pole-Throw), Sealed, Copper, Gold over Silver, Terminal Seal (Epoxy)

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > Toggle Switches



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

Sealed Toggle Switch: **Yes**

Contact Base Material: **Copper**

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

Process Sealed: **No**

## Features

### Product Type Features

Product Type	Switch
Sealed Toggle Switch	Yes
Toggle Style	Baton Short
Toggle Switch Type	Toggle
Toggle Actuation	Horizontal

### Configuration Features

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

### Electrical Characteristics

Dielectric Strength	1000 VAC
Insulation Resistance	1000 MΩ
Contact Resistance	10 mΩ
Toggle Switch Voltage Rating	20 VAC

### Body Features



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

### Contact Features

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

### Termination Features

Termination Type	Right Angle
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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	6.86 mm[.27 in] .28 in
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### Industry Standards

UL Flammability Rating	UL 94V-1
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Pb (.11% in Component Part) <b>Article Safe Usage Statements:</b> 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

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




TE Part # 4-1825136-5  
A101SYCQ04



TE Part # 1825136-7  
A101KZQ04



TE Part # 4-1825136-9  
A101SYZQ04




TE Part # 5-1825136-9  
A108P3ZQ04



TE Part # 4-1825136-3  
A101SYAQ04

### Also in the Series | Alcoswitch Gemini A



Toggle Switches(97)

## Customers Also Bought



TE Part #2-1623729-2  
BCHE 17 W 4K7 5%



TE Part #4-1879233-5  
SMW5 6R8 5%



TE Part #5-1879075-6  
THS25 22K 5%



TE Part #1618002-7  
EV200AAANA=RELAY, EV200 SPST-N



TE Part #6-1393243-3  
RT424012



TE Part #1971153-1  
CONN ASSY INDUSTRIAL MINI I/O



TE Part #1676305-2  
RN 0805 32K4 0.1% 10PPM 1KRL



TE Part #4-1625886-4  
1W SM M/OX 5% 82R



TE Part #4-2176342-0  
CRGCQ 0805 3M3 5%

## Documents

### Product Drawings

[A101MD9AG04](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1825136-3\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1825136-3\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1825136-3\\_A.3d\\_stp.zip](#)

English

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



[Datasheets & Catalog Pages](#)

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

English

[GEMINI\\_SERIES\\_SWITCHES\\_QUICK\\_REF\\_GUIDE\\_2-1773458-5](#)

English