



Relays, Contactors & Switches > Switches > Toggle Switches



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

Bushing Thread Size: **1/4-40**

Sealed: **Yes**

Contact Base Material: **Copper**

Switch Contact Plating Material: **Gold**

## Features

### Product Type Features

Product Type	Switch
Sealed	Yes
Toggle Style	Baton Long
Switch Type	Toggle
Toggle Actuation	Vertical

### Configuration Features

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

### Electrical Characteristics

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

### Body Features

Actuator Finish	Nickel
Bushing Thread Size	1/4-40
Seal Type	Terminal Seal (Epoxy)
Bushing Style	Threaded

### Contact Features

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Contact Base Material	Copper
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Switch Contact Plating Material	Gold
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### Termination Features

Termination Type	Printed Circuit
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### Mechanical Attachment

Mounting Type	Through Hole
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### Housing Features

Process Sealed	No
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### Dimensions

Toggle Length	12.19 mm[.48 in]
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.28 in

### Industry Standards

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

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Pb (3.7% in Component Part)
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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#### 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 # 4-1825136-5  
A101SYCQ04



TE Model / Part # 4-1825136-9  
A101SYZQ04



TE Model / Part # 1825136-7  
A101KZQ04

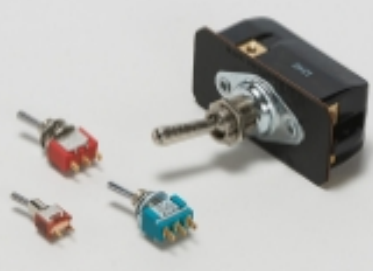


TE Model / Part # 4-1825136-3  
A101SYAQ04



TE Model / Part # 5-1825136-9  
A108P3ZQ04

## Also in the Series | [Alcoswitch Gemini A](#)



[Toggle Switches\(97\)](#)

## Customers Also Bought



TE Model / Part #2-2205132-3  
CA MINI IO MINI IO TYPE  
II



TE Model / Part #1879225-8  
CPF 0603 46K4 0.1%  
25PPM 1K RL



TE Model / Part #1676403-2  
RN 0805 64R9 0.1% 10PPM  
1KRL



TE Model / Part #4-1825136-1  
A101SY9CQ04



TE Model / Part #4-2176327-7  
CRGP 0805 68K 1%



TE Model / Part #1-1879314-9  
DPL12 24P 24DET 20F  
GREEN

## Documents

### Product Drawings

[A103SDCB04](#)

English

### Datasheets & Catalog Pages

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

English

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

English

### Product Environmental Compliance

[REACH Substance Communication Document](#)

English