



Relays, Contactors & Switches > Switches > Toggle Switches



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

Sealed: **Yes**

Contact Base Material: **Copper**

Switch Contact Plating Material: **Silver**

Process Sealed: **No**

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 On |

Electrical Characteristics

| | |
|-----------------------|-----------------|
| Dielectric Strength | 1000 VAC |
| Insulation Resistance | 1000 MΩ |
| Contact Resistance | 10 mΩ |
| Voltage Rating | 125 VAC, 28 VDC |

Body Features

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|-----------------|-----------------------|
| Actuator Finish | Nickel |
| Seal Type | Terminal Seal (Epoxy) |
| Bushing Style | Unthreaded |

Contact Features

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|-----------------------|--------|
| Contact Base Material | Copper |
|-----------------------|--------|

| | |
|---------------------------------|--------|
| Switch Contact Plating Material | Silver |
|---------------------------------|--------|

| | |
|------------------------|-----|
| Contact Current Rating | 5 A |
|------------------------|-----|

Termination Features

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|------------------|----------------------|
| Termination Type | Vertical Right Angle |
|------------------|----------------------|

Mechanical Attachment

| | |
|---------------|--------------|
| Mounting Type | Through Hole |
|---------------|--------------|

Housing Features

| | |
|----------------|----|
| Process Sealed | No |
|----------------|----|

Dimensions

| | |
|---------------|------------------|
| Toggle Length | 12.19 mm[.48 in] |
|---------------|------------------|

| | |
|--|--------|
| | .28 in |
|--|--------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-1 |
|------------------------|----------|

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 | Compliant with Exemptions |
|-----------------------------|---------------------------|

| | |
|---|--------------------------------------|
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
|---|--------------------------------------|

| | |
|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Pb (1.52% in Component Part) |
|--|--|

| | |
|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) |
|--|--|

| | |
|-----------------|--|
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
|-----------------|--|

| | |
|---------------------------|------------------------------|
| 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 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\(97\)](#)

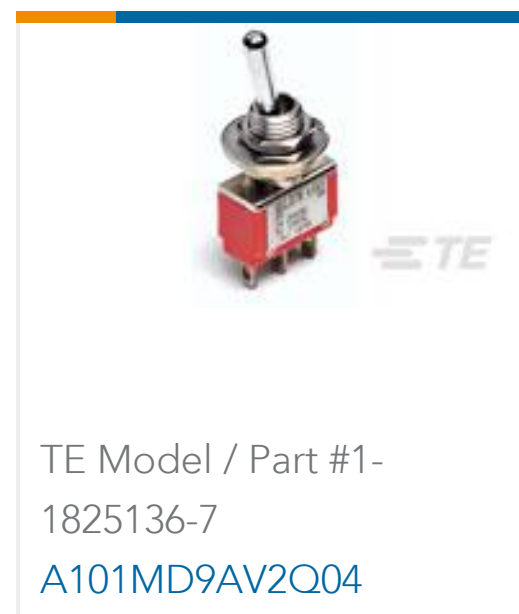
Customers Also Bought



TE Model / Part #794040-2
12P MINI UMNL HDR
ASSY AUBRASS



TE Model / Part #1-
1393240-7
RT315060



TE Model / Part #1-
1825136-7
A101MD9AV2Q04



TE Model / Part #1-
1825138-8
A201SD9AV2Q04



TE Model / Part #1-
2176215-0
CPF A 0402 1K5 0.1%
25PPM 1K RL



TE Model / Part #1825142-6
AE101MD1AV2Q04



TE Model / Part #8-
2176371-3
RQ 0603 33K2 0.1% 10PPM
5K RL



TE Model / Part #2176372-1
RQ 0603 49K9 0.1% 10PPM
5K RL



TE Model / Part #3-
1879352-0
RR02 5% 5R1 AMMO



TE Model / Part #5-
1415020-1
RT134012F

Documents

Product Drawings

[A101SD9AV2Q04](#)

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