



Relays, Contactors & Switches > Switches > Toggle Switches



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

Sealed Device: **Yes**

Contact Base Material: **Copper**

Switch Contact Plating Material: **Silver**

Process Sealed: **No**

Features

Product Type Features

| | |
|--------------------|--------------------|
| Product Type | Switch |
| Sealed Device | Yes |
| Toggle Style | Large with Bushing |
| Toggle 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 |
| Toggle Switch Voltage Rating | 28 VDC |

Body Features

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

Contact Features



| | |
|--------------------------------------|--------|
| Contact Base Material | Copper |
| Switch Contact Plating Material | Silver |
| Toggle Switch Contact Current Rating | 5 A |

Termination Features

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|------------------|-----------|
| Termination Type | Wire Lugs |
|------------------|-----------|

Mechanical Attachment

| | |
|-----------------------------|--------|
| Toggle Switch Mounting Type | Solder |
|-----------------------------|--------|

Housing Features

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

Dimensions

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|---------------|------------------|
| Toggle Length | 17.5 mm[.689 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 | Compliant with Exemptions |
| 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: JUNE 2022 (224) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Pb (3.7% in Component Part) Article Safe Usage Statements: 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)

Documents

Product Drawings

A103TZQ04

English

Datasheets & Catalog Pages

SWITCHES_CORE_PROGRAM_CATALOG



English

[GEMINI_SERIES_SWITCHES_QUICK_REF_GUIDE_2-1773458-5](#)

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