



Relays, Contactors & Switches > Switches > Toggle Switches



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

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

Sealed Device: **Yes**

Contact Base Material: **Copper**

Switch Contact Plating Material: **Silver**

Features

Product Type Features

|                    |            |
|--------------------|------------|
| Product Type       | Switch     |
| Sealed Device      | Yes        |
| Toggle Style       | Baton Long |
| Toggle Switch Type | Toggle     |
| Toggle Actuation   | Vertical   |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Configuration (Pole-Throw) | Double 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

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



Contact Features

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

Termination Features

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

Mechanical Attachment

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

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                  | Compliant with Exemptions                                                                                                       |
| 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

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  
A203SDZQ04

English

Datasheets & Catalog Pages  
SWITCHES\_CORE\_PROGRAM\_CATALOG

English  
GEMINI\_SERIES\_SWITCHES\_QUICK\_REF\_GUIDE\_2-1773458-5

1825139-7

Toggle Switches, Double Pole - Double Throw Configuration (Pole-Throw), 1/4-40, Sealed, Copper, Silver, Terminal Seal (Epoxy), Alcoswitch Gemini A



English