

4-1825137-2 ✓ ACTIVE

Alcoswitch | Alcoswitch Gemini A Series

TE Internal #: 4-1825137-2

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

[View on TE.com >](#)



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

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

Termination Type	Wire Lugs
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#### Mechanical Attachment

Toggle Switch Mounting Type	Solder
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#### Housing Features

Process Sealed	No
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#### Dimensions

Toggle Length	17.5 mm [.689 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>](#)

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) Candidate List Declared Against: JAN 2022 (223) 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

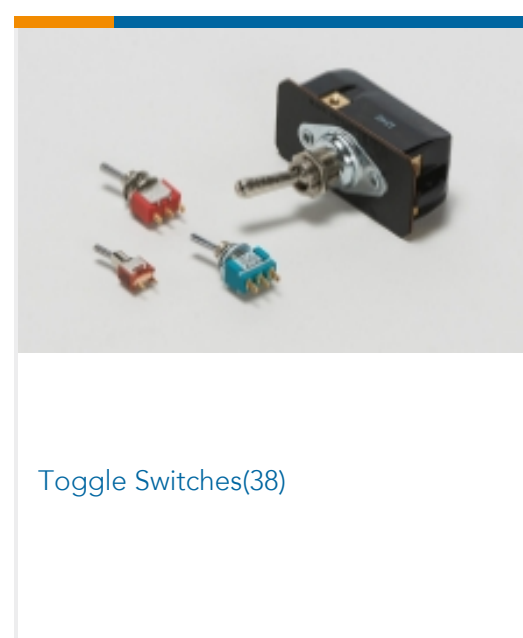
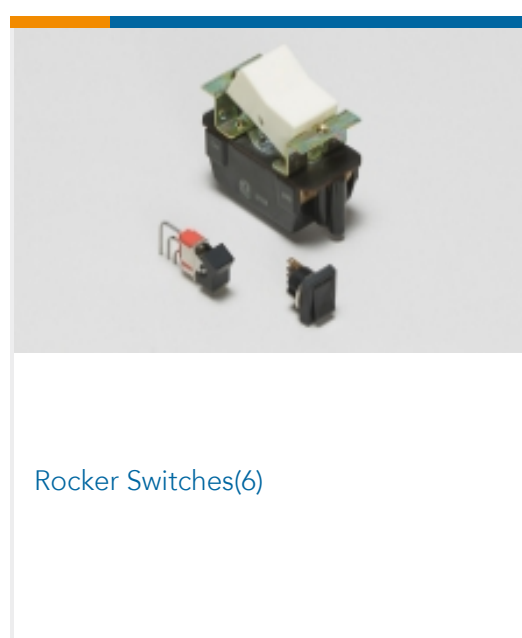
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



## Also in the Series | Alcoswitch Gemini A Series



## Documents

### Product Drawings

[A105TZQ04](#)

English

### Datasheets & Catalog Pages

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

English

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

English

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