# 3-1825136-9 ACTIVE

#### Alcoswitch | Alcoswitch Gemini A

TE Internal #: 3-1825136-9

Toggle Switches, Single Pole - Double Throw Configuration (Pole-

Throw), 1/4-40, Sealed, Copper, Silver, Terminal Seal (Epoxy),

Alcoswitch Gemini A

View on TE.com >



Relays, Contactors & Switches > Switches > Toggle Switches



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

#### **Electrical Characteristics**

Dielectric Strength	1000 VAC
Insulation Resistance	1000 ΜΩ
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**

#### Mechanical Attachment

Toggle Switch Mounting Type	Solder	

### **Housing Features**

Process Sealed	No	

#### **Dimensions**

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

### **Industry Standards**

## **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**



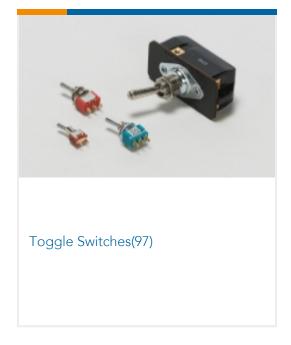








## Also in the Series | Alcoswitch Gemini A



## **Customers Also Bought**















#### **Documents**

#### **Product Drawings**

A101SDZQ04

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_3-1825136-9\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-1825136-9\_A.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-1825136-9\_A.2d\_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

#### Datasheets & Catalog Pages

SWITCHES\_CORE\_PROGRAM\_CATALOG

English

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

English