

3-1825142-0 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch Gemini AE](#)

TE Internal #: 3-1825142-0

Alcoswitch Gemini AE, Toggle Switches, Single Pole - Double Throw Configuration (Pole-Throw), Sealed Toggle Switch, Copper, Gold, Process Sealed

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > Toggle Switches



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

Sealed Toggle Switch: **Yes**

Contact Base Material: **Copper**

Switch Contact Plating Material: **Gold**

Process Sealed: **Yes**

Features

Product Type Features

Product Type	Switch
Sealed Toggle Switch	Yes
Toggle Style	Baton Long
Toggle Switch Type	Toggle
Toggle Actuation	PC

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	20 V

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	Gold
Toggle Switch Contact Current Rating	.4 A

Termination Features

Termination Type	Printed Circuit, Vertical
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Mechanical Attachment

Toggle Switch Mounting Type	Through Hole
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Housing Features

Process Sealed	Yes
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Dimensions

Toggle Length	12.7 mm[.5 in]
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Industry Standards

UL Rating	Contact Only
UL Flammability Rating	UL 94V-0

Other

Comment	Process seal meets MIL-STD-202, Method 112 test cond. A & D at 85°C.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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: JAN 2021 (211) 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 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 # 1825142-2
AE101MD1AG04



TE Part # 2-1825142-4
AE103MD1AB04

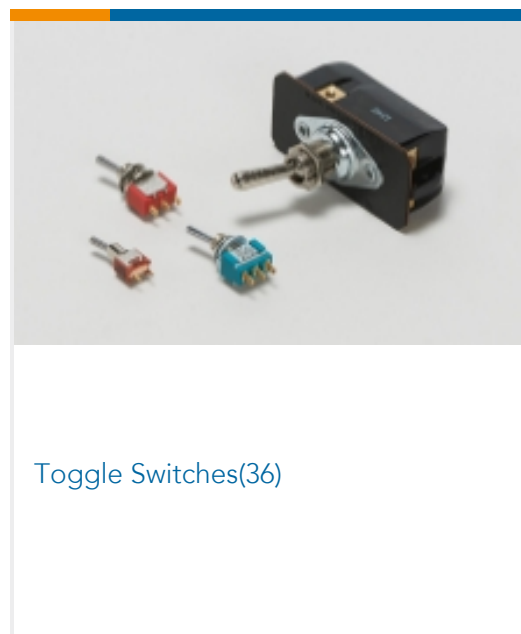


TE Part # 4-1825142-2
AE107MD1AV2B04



TE Part # 2-1825142-5
AE103MD1AV2B04

Also in the Series | Alcoswitch Gemini AE



Toggle Switches(36)

Customers Also Bought



TE Part #1879075-5
Power Resistor: Aluminum Housed, 75 Watt



TE Part #1622918-1
CRG0603 1% 330R



TE Part #1622877-1
CRG0603 1% 1M0



TE Part #1622883-1
CRG0603 1% 220K



Documents

Product Drawings

[AE103SD1CB04](#)

English

Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English

[GEMINI_SERIES_SWITCHES_QUICK_REF_GUIDE_2-1773458-5](#)

English