Alcoswitch | Alcoswitch F Series

TE Internal #: 3-6437630-4

TE Internal Description: FTD09G04=MINIATURE TOGGLE

View on TE.com >



Relays, Contactors & Switches > Switches > Toggle Switches



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

Bushing Thread Size: M6 x .75

Sealed: Yes

Contact Base Material: Copper Alloy
Switch Contact Plating Material: Gold

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

| Dielectric Strength | 1500 VAC |
|-----------------------|------------------|
| Insulation Resistance | 1000 ΜΩ |
| Contact Resistance | 10 mΩ |
| Voltage Rating | 125 VAC, 250 VAC |

Body Features

| Color | Black |
|---------------------|------------|
| Bushing Thread Size | M6 x .75 |
| Seal Type | Waterproof |
| Bushing Style | Threaded |

Contact Features



| Contact Base Material | Copper Alloy |
|---------------------------------|------------------------------------|
| Switch Contact Plating Material | Gold |
| Termination Features | |
| Termination Type | Lead Wire - Hooking Type, Vertical |
| Mechanical Attachment | |
| Mounting Type | Solder |
| Housing Features | |
| Process Sealed | No |
| Dimensions | |
| Toggle Length | 10.5 mm[.413 in] |
| Industry Standards | |
| UL Flammability Rating | UL 94V-0 |

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 |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Hand solderable with lead free solder |

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.

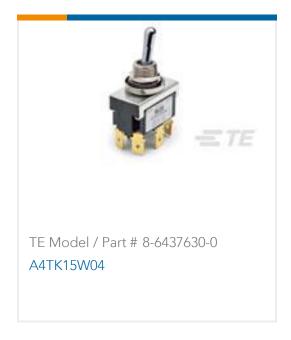
Compatible Parts



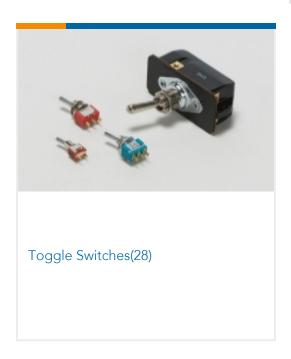








Also in the Series | Alcoswitch F Series



Customers Also Bought

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Documents

Product Drawings

FTD09G04=MINIATURE TOGGLE

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-6437630-4_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-6437630-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-6437630-4_A.3d_stp.zip

English

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

Datasheets & Catalog Pages



SWITCHES_CORE_PROGRAM_CATALOG

English

F_SERIES_SWITCHES_QUICK_REF_GUIDE_1-1773458-9

English