



ALCOSWITCH

TE Internal #: 7-6437630-3
20 A Toggle Switch, Single Pole - Single Throw Configuration (Pole-Throw), On Off, 2 Position, 30 VDC, 125 VAC / 250 VAC, Panel Mount, Vertical, Baton

[View on TE.com >](#)

Switches > Toggle Switches



Configuration (Pole-Throw): **Single Pole - Single Throw**
Operating Function: **On Off**
Number of Positions: **2**
Contact Current Rating: **20 A**
Operating Voltage: **30 VDC**

Features

Product Type Features

Sealed Device	Yes
Switch Connection Type	Quick Connect Terminal
Toggle Style	Baton
Switch Type	Power Toggle Switch

Configuration Features

Configuration (Pole-Throw)	Single Pole - Single Throw
Operating Function	On Off
Number of Positions	2

Electrical Characteristics

Contact Resistance	10 mΩ
Insulation Resistance	1000 MΩ
Dielectric Withstanding Voltage (Max)	1500 VAC
Contact Current Rating	20 A
Operating Voltage	125 VAC, 250 VAC



Body Features

Sealing Method	Rubber O-Ring
Product Orientation	Vertical
Bushing Style	Unthreaded

Contact Features

Contact Base Material	Brass
Switch Contact Plating Material	Silver Alloy

Mechanical Attachment

Product Mount Type	Panel Mount
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Dimensions

Toggle Length	17.48 mm[.688 in]
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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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.7% in 26242421313) 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 5-6437630-0
AWTR1504 = POWER TOGGLE

TE Part # 1-6437630-1
AWTS1504

TE Part # 2-6437630-0
FTD0904=MINIATURE TOGGLE

TE Part # 8-6437630-0
A4TK15W04

TE Part # 7-6437630-2
AWTN1504 = POWER TOGGLE

Customers Also Bought

TE Part #CAT-FSE0006
Compact Compression Load Cell

TE Part #839428-E
IDCCS SRC 1,27 3 * SPX APU 100 PVC

TE Part #800337-SF
FN284-4-06

TE Part #BSA078N00580100000
923 PLUG, SPEEDTEC

TE Part #CSE-SGAM-610-SGAM
SMA to SMA 610mm RG316

TE Part #42844-2
RECEPT,PIDG FASTON 14-12 250

TE Part #770476-2
SL156 RECPT, AUNI/PHBZ

TE Part #1676655-2
RN 0805 15R 0.1% 10PPM 1K RL



Documents

Product Drawings

[AWTA1504 = POWER TOGGLE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-6437630-3_B_c-7-6437630-3-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-6437630-3_B_c-7-6437630-3-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-6437630-3_B_c-7-6437630-3-b.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

[AW_SERIES_SWITCHES_QUICK_REF_GUIDE_1-1773458-8](#)

English