



Switches > Push Button Switches > ALCOSWITCH LIMIT SWITCH



Push Button Switch Product Type: **Limit Switch**
Configuration (Pole-Throw): **Single Pole - Single Throw**
Number of Actuators: **Single**
Actuator Profile: **Extended**
Illuminated: **Without**

[All ALCOSWITCH LIMIT SWITCH \(56\)](#)

Features

Product Type Features

Switch Connection Type	Screw Terminal
Push Button Switch Product Type	Limit Switch
Illuminated	Without
Actuator Style	Roller Actuator

Configuration Features

Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	Single
Snap Action	Without
Operating Function	1 NO & 1 NC

Electrical Characteristics

Contact Current Rating	4 A
Operating Voltage Range	24 VDC



Body Features

Case Material	Zinc Alloy
Actuator Material	PA 46
Actuator Force	918 g
Actuator Profile	Extended

Contact Features

Contact Base Material	Silver Alloy
Switch Contact Plating Material	Silver

Mechanical Attachment

Attachment Method	Screw-On
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Usage Conditions

Operating Temperature Range	-30 – 80 °C
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Industry Standards

IP Rating	IP67
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Packaging Features

Packaging Method	Box
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	Not reviewed 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

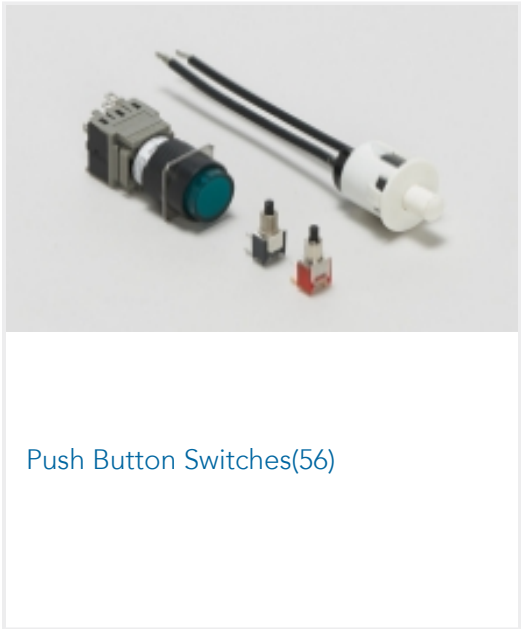
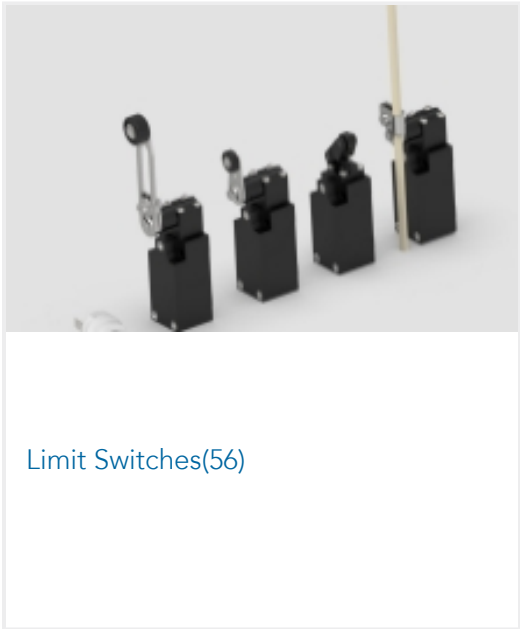


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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 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 TLS



Documents

Product Drawings

LS Z SLOW ROLLER 4A 2 1NO + 1 NC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2483581-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2483581-0_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-2483581-0_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ALCOSWITCH Limit Switch Type TLS Series](#)

English