

147873-1 ✓ ACTIVE

Alcoswitch

TE Internal #: 147873-1

Tactile Switches, Rectangular Actuator Style, NO, Copper Alloy, Silver, Low Profile, 50 mA, 24 VDC

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > Tactile Switches



Actuator Style: **Rectangular**

Operating Function: **NO**

Contact Base Material: **Copper Alloy**

Switch Contact Plating Material: **Silver**

Dust Proof: **No**

### Features

#### Product Type Features

Product Type	Switch
Leg Style	J Style
Illuminated	With
Actuator Style	Rectangular
Dust Proof	No

#### Configuration Features

Tactile Feel	With
ESD Grounding Terminal	Without
Ganged	With
Tactile	Yes
Snap Action	Without
Operating Function	NO
Support Bracket	Without
Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	1

#### Electrical Characteristics

Tactile Switch Voltage Rating	24 VDC
-------------------------------	--------

#### Body Features

Cover Material	Stainless Steel
----------------	-----------------



Case Color	Brown
Actuator Force	180 g[6.349 oz]
Case Material	PPS
Bushing Style	Unthreaded
Actuator Profile	Extended
Actuator Material	PPS
Actuator Color	Black

### Contact Features

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Silver
Tactile Switch Contact Current Rating	50 mA

### Termination Features

Termination Type	Printed Circuit Board
------------------	-----------------------

### Mechanical Attachment

Tactile Switch Mounting Type	Surface Mount
Tactile Switch Mounting Angle	Vertical

### Housing Features

Low Profile	With
Process Sealed	No

### Dimensions

Actuator Length	1.5 mm[.059 in]
Button Width	3 mm[.11 in]
Switch Height	5 mm[.196 in]

### Usage Conditions

Temperature Rating	-35 – 85 °C
--------------------	-------------

### Packaging Features

Packaging Method	Tape & Reel
------------------	-------------

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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	Reflow solder capable to 260°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 # 1825910-6  
FSM4JH=6MM TACT SWITCH, HIGH TEMP




TE Part # 2-1825910-7  
FSM14JH=6MM TACT SWITCH, HIGH TEMP



TE Part # 4-1437565-2  
FSM4JSMATR=TACT SWITCH 6X6MIL



TE Part # 3-1437565-0  
FSM2JSMATR=ON T/R



TE Part # 2-1977223-8  
FSM14JSMAS=6MM TACT SWITCH, SMT 160gf

### Customers Also Bought



TE Part #9-2176070-2  
3521 62K 1% 2W



TE Part #641968-3  
04P UMNL PIN HDR ASSY POL 94VO



TE Part #3-644615-2  
02P MTA156 POL HDR ASSY LF



TE Part #2-1825059-3  
ADF05ST04=DIP SWT,FLUSH,SMT-GW



TE Part #4-2176341-6  
CRGCO 0805 56K 1%



TE Part #5-2176331-4  
CRGP 2512 270K 1%



TE Part #4-794682-0  
10P MICRO MNL ASSY,VRT,THRU,LF



TE Part #7-1415014-1  
RT31LA24



TE Part #6-1337494-0  
BNC R/A Shld PCB Skt 50Ohm Nickel  
Pltd B

## Documents

### Product Drawings

SWITCH,TACT,SMT,J-LEAD,5.0MM

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_147873-1\\_K\\_c-147873-1-k.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_147873-1\\_K\\_c-147873-1-k.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_147873-1\\_K\\_c-147873-1-k.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

[Products for Mobile Equipment](#)

English

---

[Product Environmental Compliance](#)

[TE Material Declaration](#)

English