

1-1825910-4 ✓ ACTIVE

ALCOSWITCH | ALCOSWITCH FSM

TE Internal #: 1-1825910-4

50 mA Tactile Switch, Round Actuator, NO, Brass, Silver Contact

Plating, Low Profile, 24 VDC, ALCOSWITCH FSM

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Switches > Tactile Switches



Actuator Style: **Round Actuator**

Operating Function: **NO**

Contact Base Material: **Brass**

Switch Contact Plating Material: **Silver**

Low Profile: **With**

## Features

### Product Type Features

|                        |                       |
|------------------------|-----------------------|
| Leg Style              | Kinked                |
| Switch Connection Type | Printed Circuit Board |
| Illuminated            | With                  |
| Actuator Style         | Round Actuator        |

### Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Switch Feedback Type       | Tactile                    |
| ESD Grounding Terminal     | Without                    |
| Ganged                     | With                       |
| Operating Function         | NO                         |
| Support Bracket            | Without                    |
| Configuration (Pole-Throw) | Single Pole - Single Throw |
| Number of Actuators        | Single                     |

### Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 24 VDC |
|-------------------|--------|



### Body Features

|                     |                |
|---------------------|----------------|
| Case Material       | Nylon          |
| Actuator Profile    | Extended       |
| Actuator Material   | PBT            |
| Case Color          | Black          |
| Cover Material      | PET Film       |
| Actuator Force      | 160 g[5.64 oz] |
| Product Orientation | Vertical       |
| Actuator Color      | Black          |

### Contact Features

|                                 |        |
|---------------------------------|--------|
| Contact Base Material           | Brass  |
| Switch Contact Plating Material | Silver |
| Contact Current Rating          | 50 mA  |

### Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

### Housing Features

|                |      |
|----------------|------|
| Low Profile    | With |
| Process Sealed | No   |

### Dimensions

|                 |                 |
|-----------------|-----------------|
|                 | .374 in         |
| Button Width    | 3.3 mm[.13 in]  |
| Actuator Length | 5.9 mm[.232 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

### Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

### 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                   | Out of Scope                            |
| 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 2025 (250)

Candidate List Declared Against: JAN 2025 (247)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F < 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 # 2-1825910-7  
FSM14JH=6MM TACT SWITCH, HIGH TEMP



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



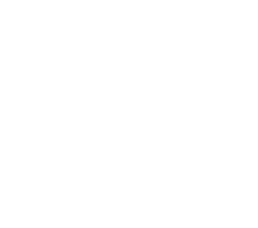
TE Part # 4-1437565-2  
FSM4JSMATR=TACT SWITCH 6X6MIL



TE Part # 1-1825910-1  
FSM6JAH=6MM TACT SWITCH, HIGH TEMP



TE Part # 1825910-6  
FSM4JH=6MM TACT SWITCH, HIGH TEMP



TE Part # 3-1825910-9  
FSM6JLH- TUBE PACKAGED



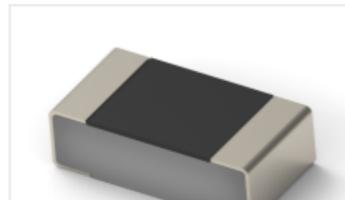
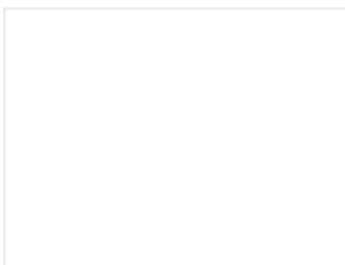
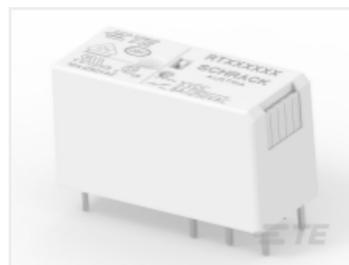
TE Part # 2-1977223-8  
FSM14JSMAS=6MM TACT SWITCH, SMT 160gf

Also in the Series | **ALCOSWITCH FSM**



Tactile Switches(58)

## Customers Also Bought

TE Part #953118-3  
40pos MQS .63 header 180degTE Part #3-1437658-3  
8PCV-10-006=738010600TE Part #7-1614353-7  
RN 0603 453R 0.1% 10PPM CUT  
LENGTHTE Part #8-1879222-3  
CPF 0603 154R 0.1% 25PPM 1K RLTE Part #1-1879354-9  
RR03 5% 1R8 AMMOTE Part #1-2176414-1  
7W STD M/OX 5% 51RTE Part #1-2176467-9  
TLRP 1206 1.0W R030 1% 75PPM 5K RLTE Part #5-5177986-5  
0.8FH,P05H.5,120,30/Sn,TR,SCTE Part #364899-E  
STVE 48 M ACE GGG 4-00 1006 \* 8392  
247 ETE Part #1-1415545-4  
RT424012IN

## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1825910-4\\_C.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1825910-4\\_C.3d\\_igs.zip](#)

1-1825910-4

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24 VDC, ALCOSWITCH FSM



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1825910-4\\_C.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

**Tactile Switches**

English

[8-1773450-9\\_SWITCHES\\_CATALOG\\_SECTION\\_C\\_TACTILE\\_SWITCHES](#)

English