



Relays, Contactors & Switches > Switches > Tactile Switches



Actuator Style: **Round**  
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      | Gull Wing |
| Illuminated    | No        |
| Actuator Style | Round     |
| 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                          |

Body Features

|                |                 |
|----------------|-----------------|
| Cover Material | Steel           |
| Case Color     | Brown           |
| Actuator Force | 160 g[5.648 oz] |
| Case Material  | Polyamide       |



|                   |            |
|-------------------|------------|
| Bushing Style     | Unthreaded |
| Actuator Profile  | Extended   |
| Actuator Material | Polyamide  |
| Actuator Color    | Black      |

Contact Features

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

Termination Features

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

Mechanical Attachment

|                |               |
|----------------|---------------|
| Mounting Type  | Surface Mount |
| Mounting Angle | Vertical      |

Housing Features

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

Dimensions

|                 |                 |
|-----------------|-----------------|
| Actuator Length | 1.4 mm[.055 in] |
| Button Width    | 3.5 mm[.138 in] |
| Switch Height   | 5 mm[.196 in]   |

Usage Conditions

|                    |             |
|--------------------|-------------|
| Temperature Rating | Standard °C |
|--------------------|-------------|

Packaging Features

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

Other

|         |                                    |
|---------|------------------------------------|
| Comment | (On) indicates momentary position. |
|---------|------------------------------------|

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        | ECHAによる現在の候補リスト: 2019年7月(201)<br>候補リストの表記: 2019年7月(201)<br>REACH SVHCを含まない          |
| EU REACH Regulation (EC) No. 1907/2006        | ECHAによる現在の候補リスト: 2019年7月(201)<br>候補リストの表記: 2019年7月(201)                             |
| 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 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

|  |  |  |  |
|--|--|--|--|
|  <p>TE Model / Part # 1825910-6<br/>FSM4JH=6MM TACT SWITCH, HIGH TEMP</p> |  <p>TE Model / Part # 2-1825910-7<br/>FSM14JH=6MM TACT SWITCH, HIGH TEMP</p> |  <p>TE Model / Part # 4-1437565-2<br/>FSM4JSMATR=TACT SWITCH 6X6MIL</p> |  <p>TE Model / Part # 3-1437565-0<br/>FSM2JSMATR=ON T/R</p> |
|--|--|--|--|



TE Model / Part # 2-1977223-8

FSM14JSMA=6MM TACT SWITCH,  
SMT 160gf

Also in the Series | [Alcoswitch FSMJSMA](#)

Tactile Switches(14)

Customers Also Bought

TE Model / Part #2-1437565-7

FSM2JSMA=SMT,TACTILE,PB SWITCH

TE Model / Part #1734035-2

MINI USB, TYPE B, R/A, SMT

TE Model / Part #1-1879417-9

CPF 0603 1M0 0.1% 25PPM 1K RL

TE Model / Part #292303-1

Std USB Type A, R/A, T/H

TE Model / Part #4-1437565-2

FSM4JSMATR=TACT SWITCH 6X6MIL

TE Model / Part #292304-1

STD USB TYPE B, R/A, T/H

TE Model / Part #1571983-4

GDH04S04=DIP SWITCH

TE Model / Part #282836-2

TERMI-BLOK PCB MOUNT 90 2P.

TE Model / Part #4-1437565-9

FSM6JSMA=SMT,TACTILE,PB SWITCH



Documents

Product Drawings

FSM4JSMA=SMT,TACTILE,PB SWITCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1437565-1\_V.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1437565-1\_V.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1437565-1\_V.3d\_stp.zip

English

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Datasheets & Catalog Pages

SWITCHES\_CORE\_PROGRAM\_CATALOG

English

Products for Mobile Equipment

English

Product Environmental Compliance

TE Material Declaration

English