# 1825965-1 ✔ ACTIVE

Alcoswitch | Alcoswitch FSM

TE Internal #: 1825965-1

50 mA Tactile Switch, Rectangular Actuator, NO, Copper Alloy, Silver Contact Plating, Low Profile, 24 VDC, Alcoswitch FSM

View on TE.com >

Switches > Tactile Switches

Contact Current Rating: **50 mA**

Actuator Style: **Rectangular Actuator**

Operating Function: **NO**

Contact Base Material: **Copper Alloy**

Switch Contact Plating Material: **Silver**

## Features

### Product Type Features

| | |
|---|---|
| Leg Style | Kinked |
| Switch Connection Type | Printed Circuit Board |
| Illuminated | With |
| Actuator Style | Rectangular 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 |
| Case Color | Black |
| Actuator Material | PBT |

| | |
|---|---|
| Cover Material | Stainless Steel |
| Actuator Force | 130 g[4.58 oz] |
| Product Orientation | Vertical |
| Actuator Color | Natural |

### Contact Features

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

### Termination Features

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

### Housing Features

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

### Dimensions

| | |
|---|---|
| Button Width | 2.3 mm[.118 in] |
| | .198 in |
| Actuator Length | 1.52 mm[.06 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -35 – 85 °C |

### 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 | 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC |

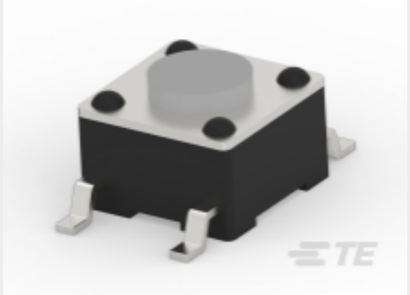
| | |
|---|---|
| | Free |
| Solder Process Capability | Wave solder capable to 265°C |

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

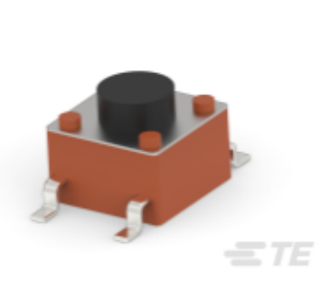
## Compatible Parts

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

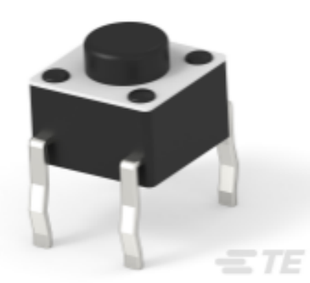


TE Part # 3-1437565-0
FSM2JSMATR=ON T/R

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



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



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

## Also in the Series | Alcoswitch FSM

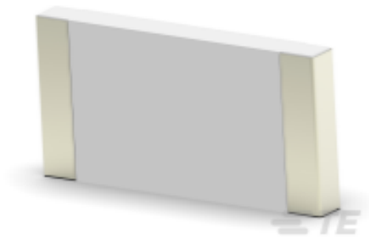
Tactile Switches(51)

## Customers Also Bought

TE Part #1586174-1
06P UMNL PIN HDR 94VO NDH

TE Part #2-1419104-3
T9AS1D22-5

TE Part #1-282925-2
TERM-BLK PCB MT 3RD 12P.5.08,



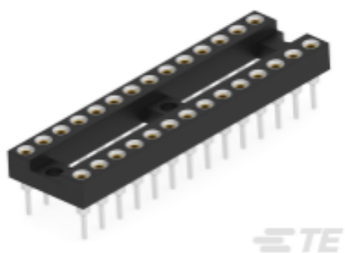
TE Part #6-2176251-8
CRGS2010 5% 390K

TE Part #2-327958-1
TERMINAL,PIDG RECT 16-14 6

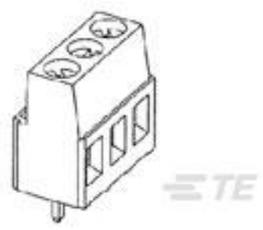
TE Part #794880-1
09P UMNL PIN HDR ASSY 94VO

TE Part #9-1879352-6
RR02 5% 3K0 AMMO

TE Part #1-282901-2
TERM-BLK PCB MT 2ND 12P.5.08,



TE Part #2485264-7
DIP IC SOCKET 28P,GOLD FLASH



TE Part #796911-3
3 POS TERMI-BLOK PCB SD WR ENT

## Documents

### Product Drawings

FSMH=3.5 X 6.0 X 5.0 TACT SWITCH, HT

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1825965-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1825965-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1825965-1_A.2d_dxf.zip

English

3D PDF

3D

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