

1825174-3 ✓ ACTIVE

[Alcoswitch](#) | [Alcoswitch APA](#)

TE Internal #: 1825174-3

General Purpose Push Button Switch, Single Pole - Double Throw Configuration (Pole-Throw), Single Actuator, Extended Actuator, Alcoswitch APA

[View on TE.com >](#)



Switches > Push Button Switches



Push Button Switch Product Type: **General Purpose Push Button Switch**

Configuration (Pole-Throw): **Single Pole - Double Throw**

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Unthreaded**

## Features

### Termination Features

Termination Method to PCB	Through Hole - Solder
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### Usage Conditions

Operating Temperature Range	-20 – 85 °C
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### Packaging Features

Packaging Method	Bulk
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### Dimensions

Button Width	2.46 mm[.097 in]
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Actuator Length	3.05 mm[.12 in]
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### Contact Features

Contact Base Material	Phosphor Bronze
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Switch Contact Plating Material	Gold over Nickel
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### Housing Features

Low Profile	No
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Process Sealed	No
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### Body Features

Case Material	Polyester
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Actuator Material	Polyester
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Product Orientation	Right Angle
Actuator Profile	Extended
Bushing Style	Unthreaded
Actuator Color	Black

### Product Type Features

Switch Connection Type	Printed Circuit
Push Button Switch Product Type	General Purpose Push Button Switch
Illuminated	Without
Actuator Style	Round Actuator

### Configuration Features

Configuration (Pole-Throw)	Single Pole - Double Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Switch Feedback Type	Non-Tactile
Operating Function	Momentary

### Electrical Characteristics

Contact Current Rating	.05 A
Operating Voltage Range	48 VDC

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant with Exemptions

### 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 with Exemptions
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	Not Low Halogen - contains Br or Cl > 900

ppm.

Solder Process Capability

Wave solder capable to 265°C

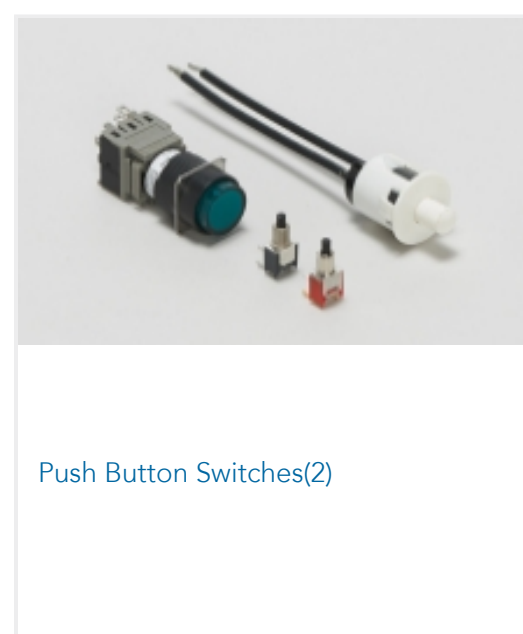
Product Compliance Disclaimer

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

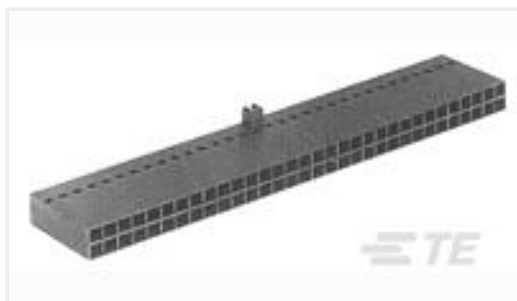


### Also in the Series | Alcoswitch APA



### Customers Also Bought





TE Part #104483-2  
18 SHORT PT RCPT HSG DR .100CL



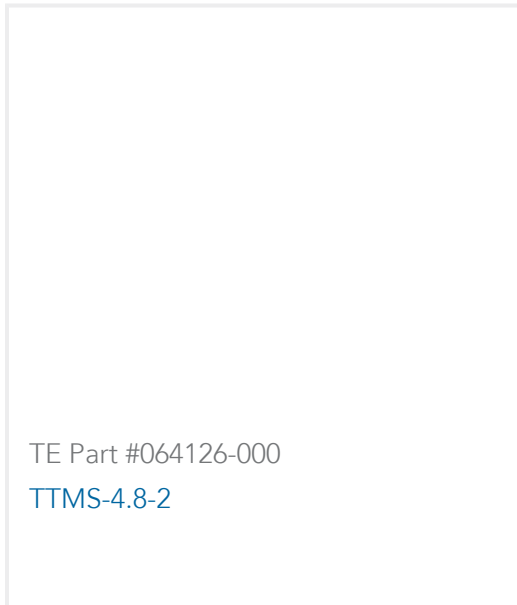
TE Part #5-102567-6  
50 MODII 2PC HDR DR SHRD .100,  
ROHS



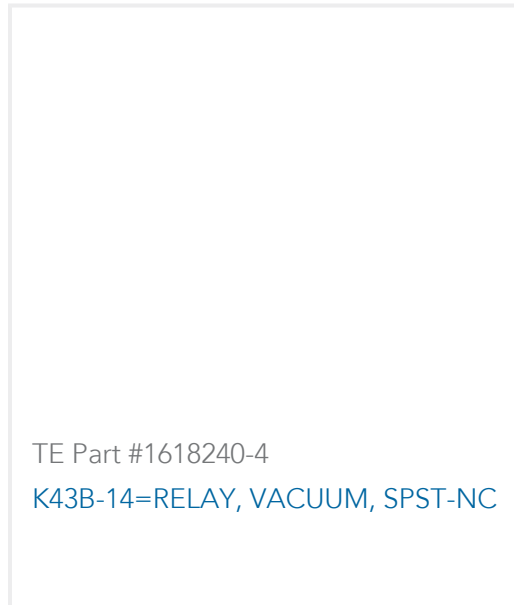
TE Part #5223955-2  
TE UPM Ver Receptacle 3P STD Power



TE Part #5747846-3  
25 MSFL RCPT RA 318 (IN,FM,BL)



TE Part #064126-000  
TTMS-4.8-2



TE Part #1618240-4  
K43B-14=RELAY, VACUUM, SPST-NC

## Documents

### Product Drawings

[APA1FGRA04](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1825174-3\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825174-3\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1825174-3\\_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