



Alcoswitch | Alcoswitch AVP16

TE Internal #: 2342838-2

Push Button Switches, Single Pole - Single Throw Configuration (Pole-Throw), Anti-Vandal, Single Actuator, Extended Actuator Profile, Alcoswitch AVP16

[View on TE.com >](#)

Relays, Contactors & Switches > Switches > Push Button Switches



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

Push Button Switch Product Type: **Anti-Vandal**

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Threaded**

Features

Product Type Features

| | |
|---------------------------------|-------------|
| Switch Type | Pushbutton |
| Dust Proof | Yes |
| Push Button Switch Product Type | Anti-Vandal |
| Illuminated | No |
| Actuator Style | Round |

Configuration Features

| | |
|----------------------------|--------------------------------------|
| ESD Grounding Terminal | Without |
| Ganged | No |
| Panel Cutout Size | 16 (Diameter) mm [.63 (Diameter) in] |
| Configuration (Pole-Throw) | Single Pole - Single Throw |
| Number of Actuators | Single |
| Operating Function | Momentary |

Electrical Characteristics

| | |
|-----------------------------------|------------|
| Push Button Switch Voltage Rating | 5 – 24 VDC |
|-----------------------------------|------------|



Body Features

| | |
|---------------------|-------------|
| Actuator Force | 204 – 510 g |
| Cap Color | Black |
| Seal Type | Epoxy |
| Case Material | Aluminum |
| Actuator Material | Aluminum |
| Actuator Profile | Extended |
| Bushing Style | Threaded |
| Bushing Thread Size | M16 x 1 |
| Actuator Color | Black |

Contact Features

| | |
|-------------------------------------------|------------|
| Type of Contact | 1 pole, NO |
| Push Button Switch Contact Current Rating | 1 A |

Termination Features

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|------------------|------------|
| Termination Type | Long Leads |
|------------------|------------|

Mechanical Attachment

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|----------------------------------|----------|
| Attachment Method | Screw-On |
| Mounting Angle | Vertical |
| Thread Size | M16 x 1 |
| Push Button Switch Mounting Type | Panel |

Housing Features

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|-------------|----|
| Low Profile | No |
|-------------|----|

Dimensions

| | |
|------------------|-----------------|
| Bushing Diameter | 16 mm[.63 in] |
| Bushing Length | 15.5 mm[.61 in] |

Usage Conditions

| | |
|--------------------|----------|
| Oil-Tight | No |
| Temperature Rating | Standard |

Industry Standards

| | |
|-----------|------|
| IP Rating | IP68 |
|-----------|------|

Packaging Features

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

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (85% in component part)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

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>

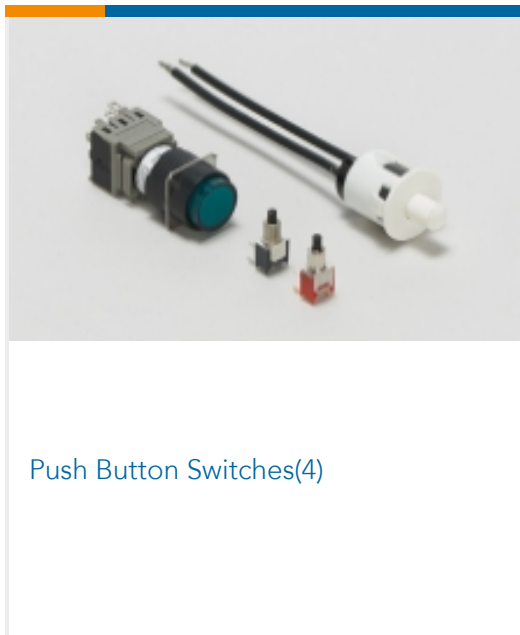
Compatible Parts

| | | | |
|-----------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------|
| <p>TE Part # 2213775-3 AV16 SPM 0.4VA POWER LED RED 12V</p> | <p>TE Part # 2213775-7 AV16 SPM 0.4VA POWER LED GREEN 12V</p> | <p>TE Part # 2213775-9 AV16 SPM 0.4VA POWER LED BLUE 12V</p> | <p>TE Part # 2213774-7 AV16 SPM 0.4VA FIX RING LED GREEN 12V</p> |
|-----------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------|



TE Part # 2213774-3
AVP16 SPM 0.4VA FIX RING LED RED
12V

Also in the Series | Alcoswitch AVP16



Push Button Switches(4)

Customers Also Bought



TE Part #DTM06-6S-E005
DEUTSCH DTM Housings



TE Part #DT06-6S-CE06
PLG, 6P, BLK, E, SEAL RET



TE Part #1571983-4
GDH04S04=DIP SWITCH



TE Part #2-1445093-5
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #2-1879494-5
CRGH0603 5% 10R 0.2W



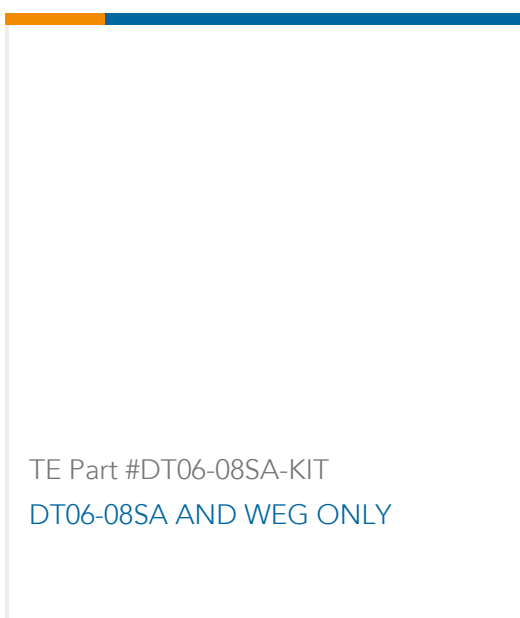
TE Part #2-2176339-0
CRGCQ 0603 390R 1%



TE Part #L9000053-01
Antenna 2.4 FPC SH 12x8 100 MHF4



TE Part #1-2176537-8
RLW73P A2 1% R27 200ppm 5k RL



TE Part #DT06-08SA-KIT
DT06-08SA AND WEG ONLY



Documents

Product Drawings

[AVP16M H. FLAT AIB NL 500MM/2X3](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2342838-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2342838-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2342838-2_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[AVP Series Anti Vandal Illuminated and Non-Illuminated Piezo Switches](#)

English