

OAC-5A ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield OAC

TE Internal #: 2-1393028-8

Power Relays, Solid State, 1 Form A (SPST-NO), Printed Circuit Board, PCB Termination, Solder Pins, Potter & Brumfield OAC

[View on TE.com >](#)



Relays & Contactors > Relays > Power Relays > Solid State Relays: PCB mount



Relay Type: **Solid State**

Contact Arrangement: **1 Form A (SPST-NO)**

Product Mount Type: **Printed Circuit Board**

Relay Connection Type: **PCB Termination**

Terminal Configuration: **Solder Pins**

[All Solid State Relays: PCB mount \(7\)](#)

Features

Product Type Features

| | |
|------------|-------------|
| Relay Type | Solid State |
|------------|-------------|

Configuration Features

| | |
|---------------------|--------------------|
| Contact Arrangement | 1 Form A (SPST-NO) |
|---------------------|--------------------|

Electrical Characteristics

| | |
|---|---------------|
| Output Voltage Rating (AC Relays) | 24 - 280 Vrms |
| Output Current Rating | .05 - 3 Arms |
| Output Voltage (Max) | 280 V |
| Output Current (Min) | .05 A |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |
| Input Voltage | 3 - 8 VDC |

Body Features

| | |
|-----------------------|---------------|
| Primary Product Color | Black |
| Product Weight | 35 g[1.38 oz] |



Termination Features

| | |
|------------------------|-----------------|
| Relay Connection Type | PCB Termination |
| Terminal Configuration | Solder Pins |

Mechanical Attachment

| | |
|-------------------------------|-----------------------|
| Product Mounting Feature Type | Hex Nut |
| Product Mount Type | Printed Circuit Board |

Dimensions

| | |
|----------------|-------------------|
| Product Width | 15.15 mm[.596 in] |
| Product Length | 42.3 mm[1.66 in] |
| Product Height | 31.7 mm[1.24 in] |

Usage Conditions

| | |
|-----------------------------|-------------|
| Operating Temperature Range | -30 - 80 °C |
|-----------------------------|-------------|

Operation/Application

| | |
|---------------------|------|
| Output Switching | Zero |
| Output Current Type | AC |

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 |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (92.38% in Component Part) 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. |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Wave 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 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 # CAT-P851-OA1
Solid State Relays: PCB mount

Also in the Series | Potter & Brumfield OAC



Power Relays(7)

Customers Also Bought



TE Part # 1-794105-1
18P MINI UMNL R/A HDR ASSY LF



TE Part # 1-1469372-1
ATCA GUIDE MODULE RA MALE



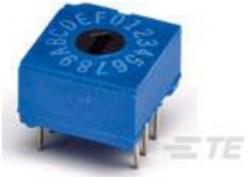
TE Part # 5406491-1
MJ,1X8,8POS,RV PNL GTABS



TE Part # 3-640429-3
03P MTA156 CONN ASSY 24AWG WHT



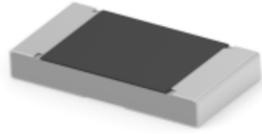
TE Part # 1676289-2
RN 0805 2K43 0.1% 10PPM 1KRL



TE Part # 1825008-8
DRM16RA04=Rot Dip,R/A



TE Part # 5-532956-3
20 MODII 2PC CE RCPT ASSY, RoHS



TE Part # 5-2176528-2
3503G 2B 20K 1% 5K RL

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2-1393028-8_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393028-8_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393028-8_C1.2d_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

OAC AC Output Modules Data Sheet

English

[OAC_Datasheet](#)

English

Agency Approvals

[UL](#)

English