

### Potter & Brumfield | Potter & Brumfield OAC

TE Internal #: 2-1393028-8

DC Input Solid State Relay, 1 Form A SPST-NO, 3 – 8 VDC Input, 24

– 280 Vrms Output, AC Output, Board Mount, Black, Potter &

Brumfield OAC

View on TE.com >



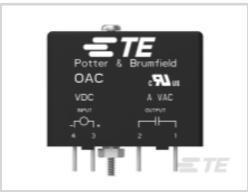
Relays & Contactors > Solid State Relays > Solid State Relays: PCB mount











Input Current Type: DC

Contact Arrangement: 1 Form A SPST-NO

Input Voltage: 3-8 VDC

Output Voltage Rating: 24 – 280 Vrms

Output Switching: Zero

All Solid State Relays: PCB mount (7)

### **Features**

### **Configuration Features**

Contact Arrangement	1 Form A SPST-NO
Electrical Characteristics	
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Input Voltage	3 – 8 VDC
Output Voltage Rating	24 – 280 Vrms
Body Features	
Primary Product Color	Black
Product Weight	35 g[1.38 oz]
Termination Features	

PCB Termination

Solder Pins

Relay Connection Type

Terminal Configuration



Product Mounting Feature Type	Hex Nut
Product Mount Type	Board Mount
Dimensions	
Product Length	42.3 mm[1.66 in]
Product Width	15.15 mm[.596 in]
Product Height	31.7 mm[1.24 in]
Usage Conditions	
Operating Temperature Range	-30 - 80 °C[-22 - 176 °F]
Operation/Application	
Input Current Type	DC
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	Not Yet Reviewed
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 2025 (247)  Candidate List Declared Against: JAN 2025 (247)  SVHC > Threshold:  2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (3.8% in 20313236214)  Pb (92.38% in 20313236323)  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

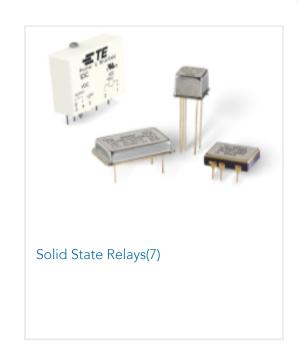


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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



## Also in the Series | Potter & Brumfield OAC



# **Customers Also Bought**























### **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\_Datasheet

English

OAC AC Output Modules Data Sheet

English

### Agency Approvals

UL

English