

# OAC-5A ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield OAC

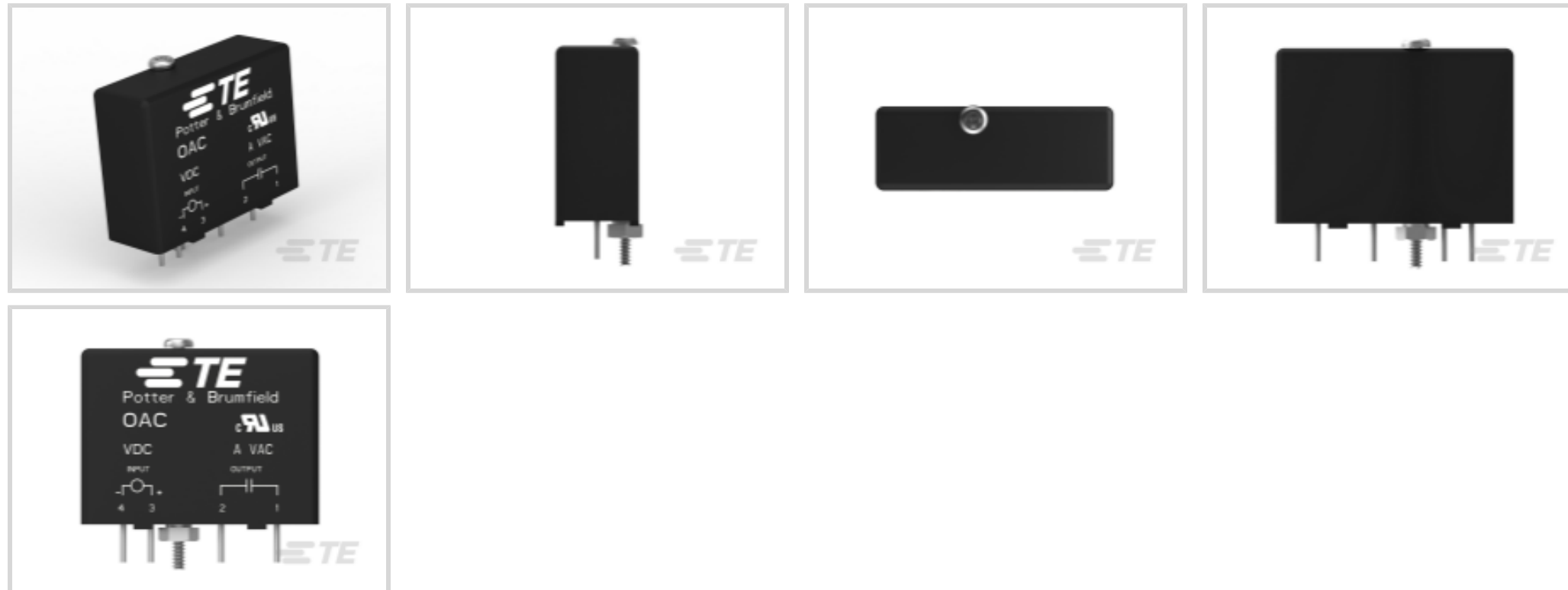
TE Internal #: 2-1393028-8

DC Input Solid State Relay, 1 Form A SPST-NO, 3 – 8 VDC Input, 24 – 280 Vrms Output, AC Output, Printed Circuit Board, Black, Potter & Brumfield OAC

[View on TE.com >](#)



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



Contact Arrangement: 1 Form A SPST-NO

Input Current Type: DC

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
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### Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
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Input Voltage	3 – 8 VDC
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Output Voltage Rating	24 – 280 Vrms
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### Body Features

Primary Product Color	Black
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Product Weight	35 g[1.38 oz]
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### Termination Features

Relay Connection Type	PCB Termination
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Terminal Configuration	Solder Pins
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### Mechanical Attachment



Product Mounting Feature Type	Hex Nut
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Product Mount Type	Printed Circuit Board
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### Dimensions

Product Length	42.3 mm[1.66 in]
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Product Width	15.15 mm[.596 in]
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Product Height	31.7 mm[1.24 in]
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### Usage Conditions

Operating Temperature Range	-30 – 80 °C[-22 – 176 °F]
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### Operation/Application

Input Current Type	DC
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Output Switching	Zero
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Output Current Type	AC
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (92.38% in Component Part)</p> <p><b>Article Safe Usage Statements:</b> 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>
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Wave solder capable to 260°C
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#### 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



Solid State Relays(7)

## Customers Also Bought



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



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



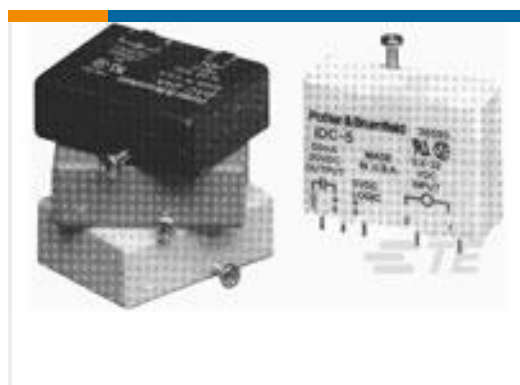
TE Part #3-640429-3  
03P MTA156 CONN ASSY 24AWG WHT



TE Part #1676363-2  
RN 0805 4K99 0.1% 10PPM 1KRL



TE Part #02560389-000  
LVDT HR 050 ASSY



TE Part #2-1393028-9  
OAC-5H = PCB MOUNT, 5A, 240V AC - DC I/p



TE Part #6469048-1  
HMZD 4PR RA HDR 80P ASSY LF



TE Part #2560-220-2031  
CONT PIN



## 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