

ODC-15A ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield ODC

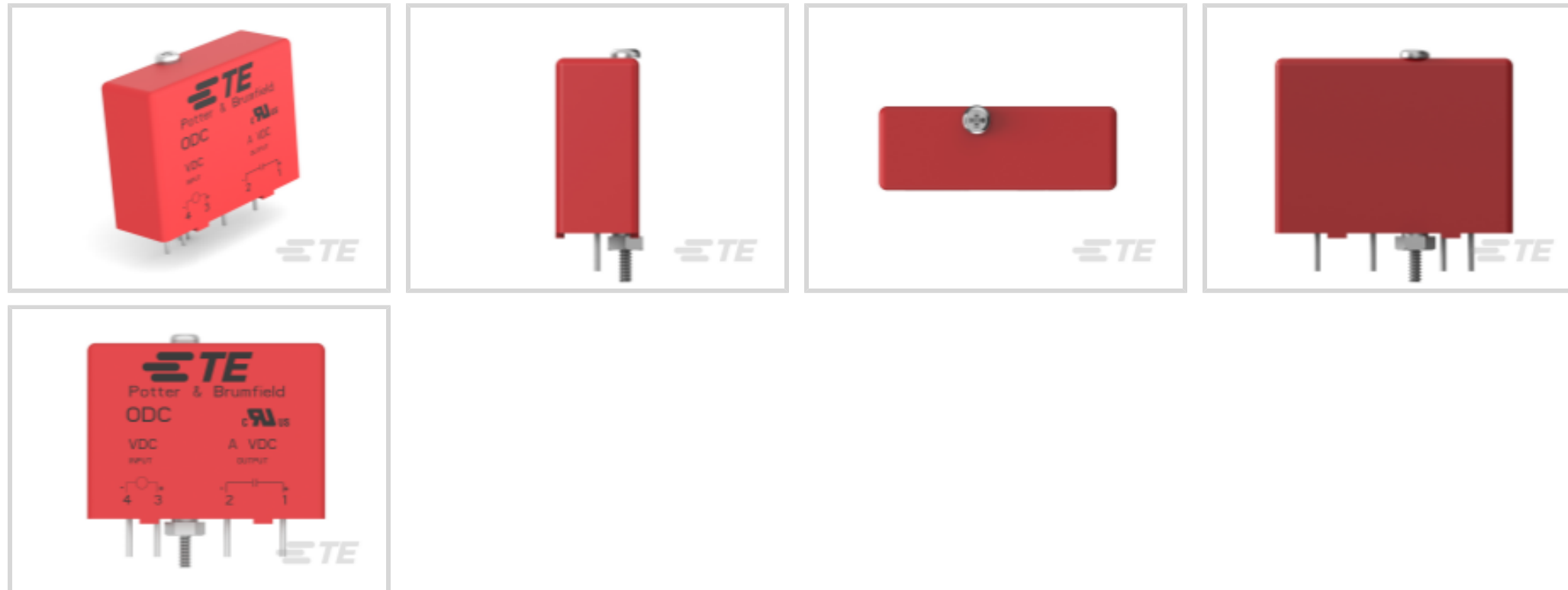
TE Internal #: 4-1393028-2

DC Input Solid State Relay, 1 Form A SPST-NO, 9 – 18 VDC Input, 3 – 250 VDC Output, DC Output, Board Mount, Red, Potter & Brumfield ODC

[View on TE.com >](#)



Relays & Contactors > Solid State Relays > P&B SSR OUTPUT DC MODULES



Input Current Type: DC

Contact Arrangement: 1 Form A SPST-NO

Input Voltage: 9 – 18 VDC

Output Voltage Rating: 3 – 250 VDC

Output Switching: Zero

[All P&B SSR OUTPUT DC MODULES \(6\)](#)

Features

Configuration Features

Contact Arrangement	1 Form A SPST-NO
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Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Input Voltage	9 – 18 VDC
Output Voltage Rating	3 – 250 VDC

Body Features

Primary Product Color	Red
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
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Product Mount Type	Board Mount
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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	DC
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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 with Exemptions
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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: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC > Threshold:</p> <p>Pb (1% 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>
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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



Also in the Series | Potter & Brumfield ODC



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_4-1393028-2_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1393028-2_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1393028-2_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

[ODC_Datasheet](#)

English

Agency Approvals

[UL](#)

English