

ODC-24A

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield ODC

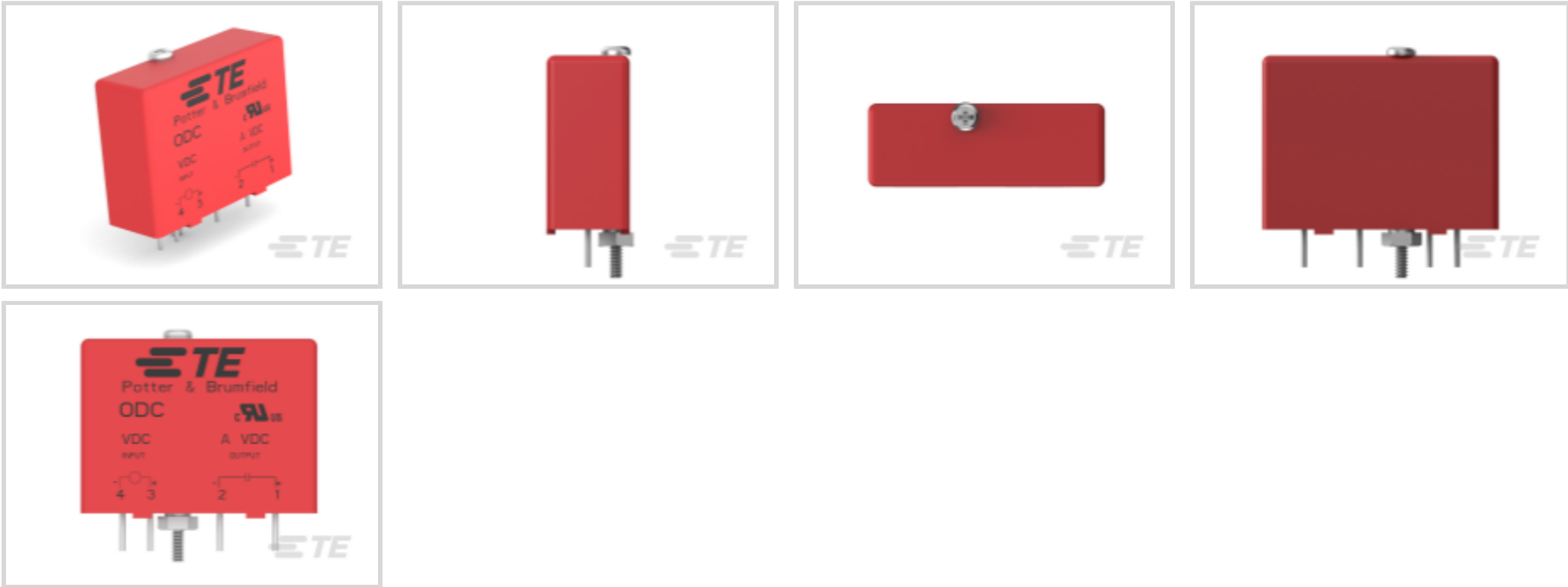
TE Internal #: 7-1393028-6

DC Input Solid State Relay, 1 Form A SPST-NO, 18 – 32 VDC Input, 3 – 250 VDC Output, DC Output, Printed Circuit Board, Red, Potter & Brumfield ODC

[View on TE.com >](#)



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



Contact Arrangement: 1 Form A SPST-NO

Input Current Type: DC

Input Voltage: 18 – 32 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	18 – 32 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
Product Mount Type	Printed Circuit Board

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]
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Operation/Application

Input Current Type	DC
Output Switching	Zero
Output Current Type	DC

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (88% 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 7-1393028-5

ODC-24 = PCB MOUNT, 3A, 60V DC - DC I/p

Also in the Series | Potter & Brumfield ODC

Solid State Relays(6)

Customers Also Bought

TE Part #5227677-1

BNC PCB RT ANG JACK W/POST

TE Part #4-640441-2

12P MTA100 CONN ASSY WHT

TE Part #1717254-1

EMBOSS ASS'Y DDR SODIMM SOCKET

TE Part #9-1609095-0

Single Phase Filters, Corcom FB Series

TE Part #281698-3

HEADER HE14 RA 3 P

TE Part #170204-1

EIS RECPT CONTACT

TE Part #1622829-1

CRG0603 1% 10K

TE Part #1676225-2

RN 0805 1K1 0.1% 10PPM 1KRL

Documents



CAD Files

Customer View Model

ENG_CVM_CVM_7-1393028-6_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1393028-6_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_7-1393028-6_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

ODC DC Output Module Data Sheet

English

Agency Approvals

UL

English