

SSRA-240D2R

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSRA

TE Internal #: 5-1393030-7

DC Input Solid State Relay, 1 Form A SPST-NO, 4 – 10 VDC Input, 12 – 280 Vrms Output, 12 – 280 VDC Output, AC Output, Potter & Brumfield SSRA

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Relays & Contactors > Solid State Relays > Solid State Relays, P&B SSRA Series



Input Current Type: DC  
Contact Arrangement: 1 Form A SPST-NO  
Input Voltage: 4 – 10 VDC  
Output Voltage Rating: 12 – 280 VDC

[All Solid State Relays, P&B SSRA Series \(2\)](#)

Features

Configuration Features

Contact Arrangement	1 Form A SPST-NO
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Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Input Voltage	4 – 10 VDC
Output Voltage Rating	12 – 280 VDC

Body Features

Device Package Style	SIP
Primary Product Color	Black
Product Weight	4.3 g[.15 oz]

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment



Product Mount Type	Board Mount
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Dimensions

Product Length	24.1 mm[.948 in]
Product Width	5.1 mm[.2 in]
Product Height	12.7 mm[.5 in]

Usage Conditions

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

Input Current Type	DC
Output Switching	Random
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 with Exemptions
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: TBBPA (10% in Component Part) <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.
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 # 5-1393030-6  
SSRA-240D2 = SIP MODULE,2A,240V  
AC

Also in the Series | Potter & Brumfield SSRA

Solid State Relays(2)

Customers Also Bought

TE Part #2213738-4  
4P HIGH TEMP SHROUDED EP  
HEADER ASSY

TE Part #320754  
TERMINAL,SOLIS R 2 5/8

TE Part #127491-000  
55PC1211-20-9-9CS2502

TE Part #225335-000  
55PC1221-22-2/6-9CS2502

TE Part #1676464-2  
RN 0805 93K1 0.1% 10PPM 1KRL

TE Part #5-1623795-0  
SQP7 10R 5% WIRE

TE Part #511485-000  
55PC0211-14-9CS2502

TE Part #131802-000  
SO63-1-55-20-90



Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_5-1393030-7\_A1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1393030-7\_A1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1393030-7\_A1.2d\_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

8-1773454-1 SSRA Series 2A SIP Solid State Relay Data Sheet

English

SSRA\_datasheet

English

Agency Approvals

UL

English