

# SSRD-240D25R ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSRD

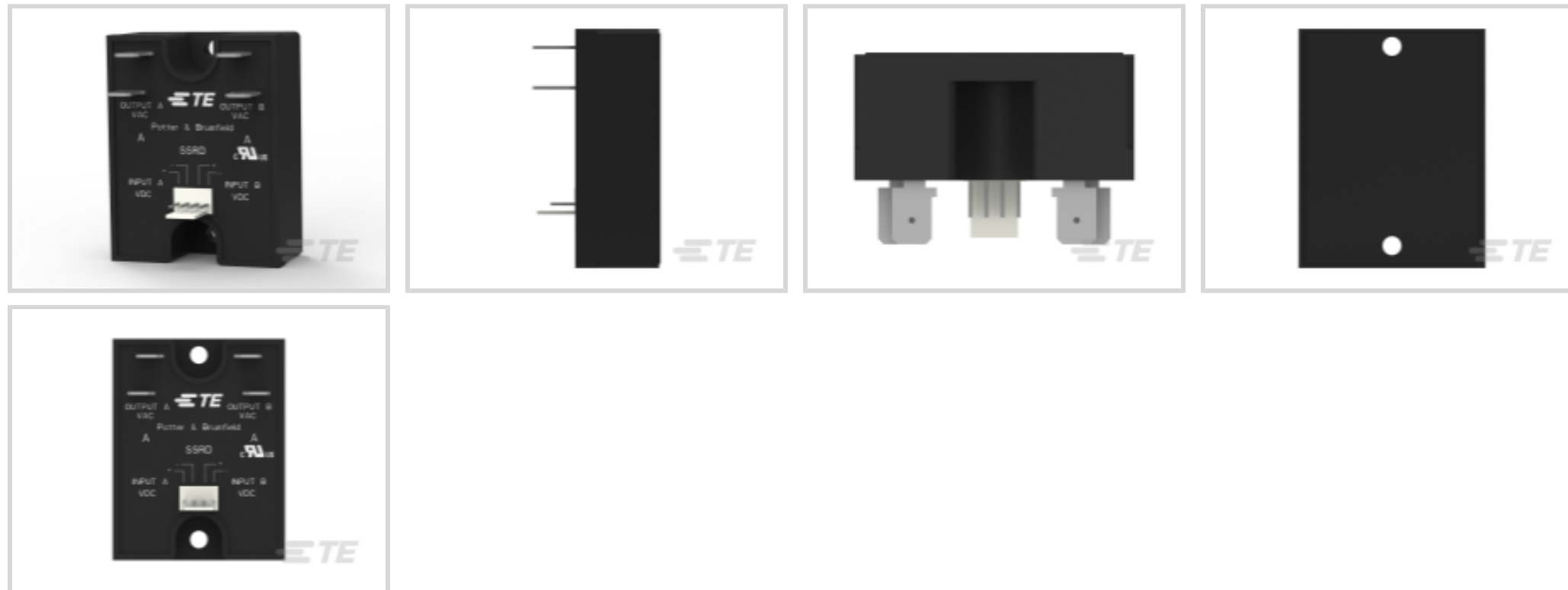
TE Internal #: 1-1393030-5

Power Relays, Solid State, (2) x 1 Form A (SPST-NO), Chassis Mount, Potter & Brumfield SSRD

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays > P&B SSRD SERIES SOLID STATE RELAYS



Power Relay Type: **Solid State**

Contact Arrangement: **(2) x 1 Form A (SPST-NO)**

Relay Mounting Type: **Chassis Mount**

[All P&B SSRD SERIES SOLID STATE RELAYS \(3\)](#)

## Features

### Product Type Features

|                  |             |
|------------------|-------------|
| Output Type      | AC          |
| Power Relay Type | Solid State |

### Configuration Features

|                  |        |
|------------------|--------|
| Output Switching | Random |
|------------------|--------|

### Electrical Characteristics

|   |               |
|---|---------------|
| Input Voltage Typical                                 | 4 – 15 VDC    |
| Output Voltage (Max)                                  | 280 V         |
| Output Voltage Rating (AC Relays)                     | 24 – 280 Vrms |
| Output Current Rating                                 | .1 – 25 Arms  |
| Output Current (Min)                                  | .1 A          |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms     |

### Body Features

|                |               |
|----------------|---------------|
| Product Weight | 90 g[3.17 oz] |
| Case Color     | Black         |



### Contact Features

|                     |                          |
|---------------------|--------------------------|
| Switch Arrangement  | (2) x 1 Form A (SPST-NO) |
| Contact Arrangement | (2) x 1 Form A (SPST-NO) |

### Termination Features

|                        |                                    |
|------------------------|------------------------------------|
| Relay Termination Type | .25 x .032 Quick Connect Terminals |
|------------------------|------------------------------------|

### Mechanical Attachment

|                     |               |
|---------------------|---------------|
| Coupling            | Optical       |
| Relay Mounting Type | Chassis Mount |

### Housing Features

|                     |                   |
|---------------------|-------------------|
| Relay Housing Style | Industry Standard |
|---------------------|-------------------|

### Dimensions

|                                      |  |
|--------------------------------------|--|
| Dimensions (L x W x H) (Approximate) | 44.5 x 57x 30.2 mm[1.752 x 2.244 x 1.189 in] |
|--------------------------------------|--|

### Usage Conditions

|                             |             |
|-----------------------------|-------------|
| Operating Temperature Range | -30 – 80 °C |
|-----------------------------|-------------|

### Operation/Application

|                           |    |
|---------------------------|----|
| R-Switch & slimSSR Relays | No |
|---------------------------|----|

## 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Pb (88% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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                     | Not applicable for solder process capability  |

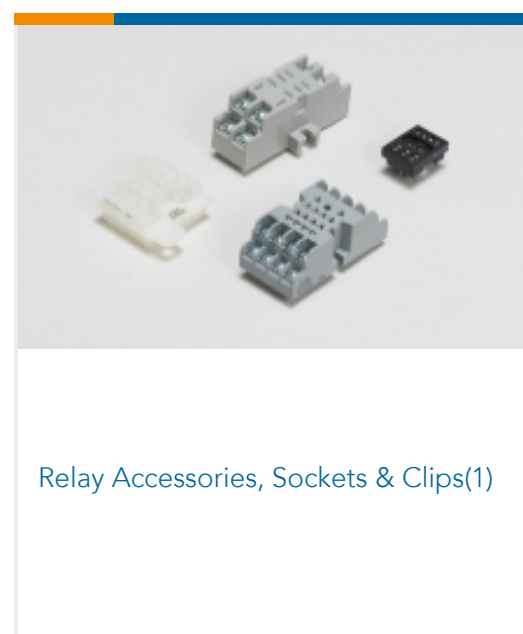
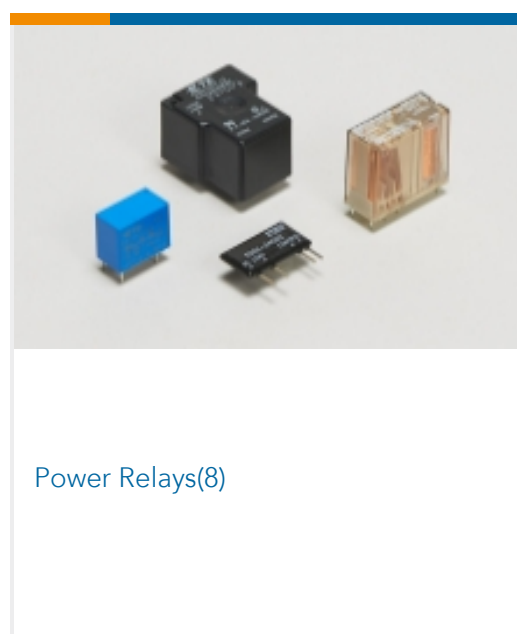
Product Compliance Disclaimer

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 SSRD



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393030-5\\_B1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393030-5\\_B1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393030-5\\_B1.2d\\_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

### SSRD Dual AC Output Hockey Puck Solid State Relay With Paired SCR Outputs

English