

SSR-480D125

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSR

TE Internal #: 2-1393030-9

DC Input Solid State Relay, 1 Form A SPST-NO, 4 – 32 VDC Input, 48 – 660 Vrms Output, AC Output, Panel Mount, Black, Potter & Brumfield SSR

[View on TE.com >](#)



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



Contact Arrangement: 1 Form A SPST-NO

Input Current Type: DC

Input Voltage: 4 – 32 VDC

Output Voltage Rating: 48 – 660 Vrms

Output Switching: Zero

[All Solid State Relays, P&B SSR Series \(10\)](#)

Features

Configuration Features

|                     |                  |
|---------------------|------------------|
| Contact Arrangement | 1 Form A SPST-NO |
|---------------------|------------------|

Electrical Characteristics

|                                                       |               |
|-------------------------------------------------------|---------------|
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms     |
| Input Voltage                                         | 4 – 32 VDC    |
| Output Voltage Rating                                 | 48 – 660 Vrms |

Body Features

|                       |               |
|-----------------------|---------------|
| Device Package Style  | Hockey Puck   |
| Primary Product Color | Black         |
| Product Weight        | 98 g[3.45 oz] |

Termination Features

|                        |                 |
|------------------------|-----------------|
| Relay Connection Type  | Terminals       |
| Terminal Configuration | Screw Terminals |



Mechanical Attachment

|                               |               |
|-------------------------------|---------------|
| Product Mounting Feature Type | Mounting Hole |
| Product Mount Type            | Panel Mount   |

Dimensions

|                |                  |
|----------------|------------------|
| Product Length | 45 mm[1.77 in]   |
| Product Width  | 43.4 mm[1.7 in]  |
| Product Height | 57.8 mm[2.27 in] |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 80 °C[-22 – 176 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                     |      |
|---------------------|------|
| Input Current Type  | DC   |
| Output Switching    | Zero |
| Output Current Type | AC   |

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 with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                                                                                                                                                                                                                                                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2024 (241)<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 < 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



TE Part # 2323803-1  
SSR-ACC-TH-001 = Thermal pad 1 phase

Also in the Series | Potter & Brumfield SSR



Relay Accessories(1)



Solid State Relays(24)

Customers Also Bought



TE Part #100060-26  
CONT PIN



TE Part #35115  
SPLICE,N CE 22-14



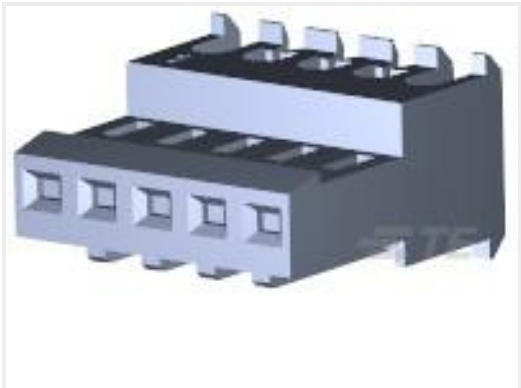
TE Part #321021  
PIDG RING (26-22)



TE Part #1-640456-6  
16P MTA100 HDR ASSY F/L SQ STR



TE Part #CAT-104MTA-PLSCC  
Polyester PCB Connector Covers: 2.54 mm, MTA 100



TE Part #3-640620-5  
05P MTA100 CONN ASSY F/T RED



TE Part #3-643817-4  
04P MTA156 CONN ASSY 18AWG ORA



TE Part #1-1423673-2  
W51-A122B1-10=CKTBKR,THERM,ROC



Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2-1393030-9\_B1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1393030-9\_B1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1393030-9\_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

SSR\_Datasheet

English

SSR Hockey Puck Solid State Relay With Paired SCR Output

English

SSR, SSRD and SSRT Series

English

Agency Approvals

UL

English