

SSR-480D50 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSR

TE Internal #: 3-1393030-1

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



Input Current Type: DC

Contact Arrangement: 1 Form A SPST-NO

Input Voltage: 4 – 32 VDC

Output Voltage Rating: 48 – 660 Vrms

Output Switching: Zero

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

Features

Body Features

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

Mechanical Attachment

Product Mounting Feature Type	Mounting Hole
Product Mount Type	Panel Mount

Electrical Characteristics

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

Operation/Application

Input Current Type	DC
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Output Switching	Zero
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Output Current Type	AC
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Configuration Features

Contact Arrangement	1 Form A SPST-NO
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Termination Features

Relay Connection Type	Terminals
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Terminal Configuration	Screw Terminals
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Dimensions

Product Length	45 mm[1.77 in]
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Product Width	43.4 mm[1.7 in]
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Product Height	57.8 mm[2.27 in]
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Usage Conditions

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant with Exemptions
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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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	Not applicable for solder process capability
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Product Compliance Disclaimer

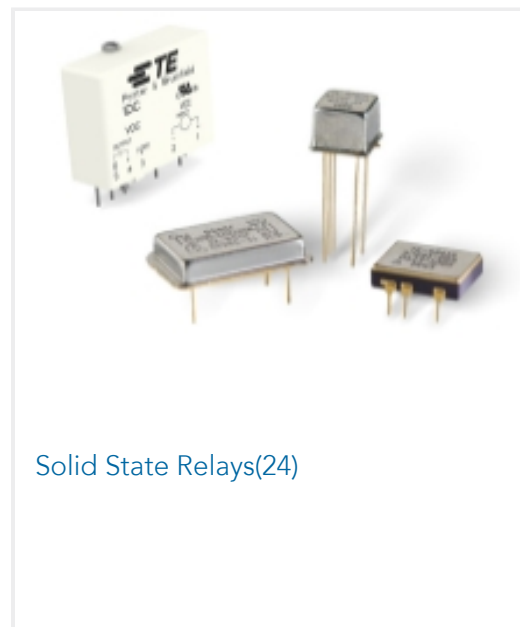
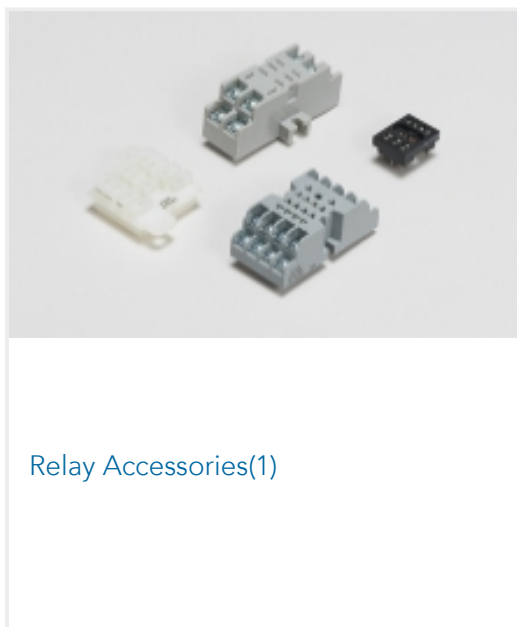
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

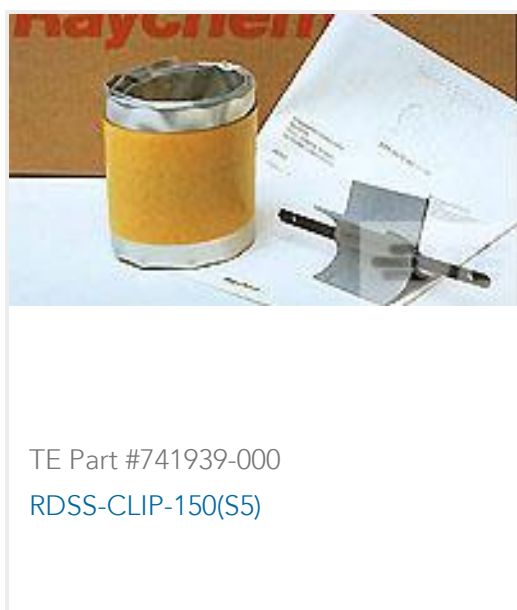
Compatible Parts



Also in the Series | Potter & Brumfield SSR



Customers Also Bought

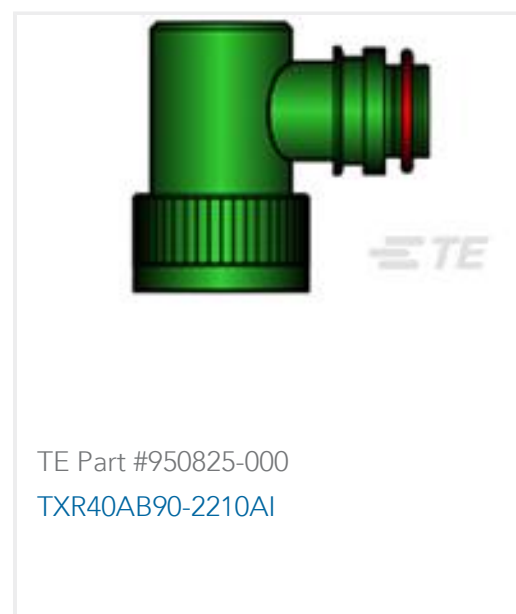




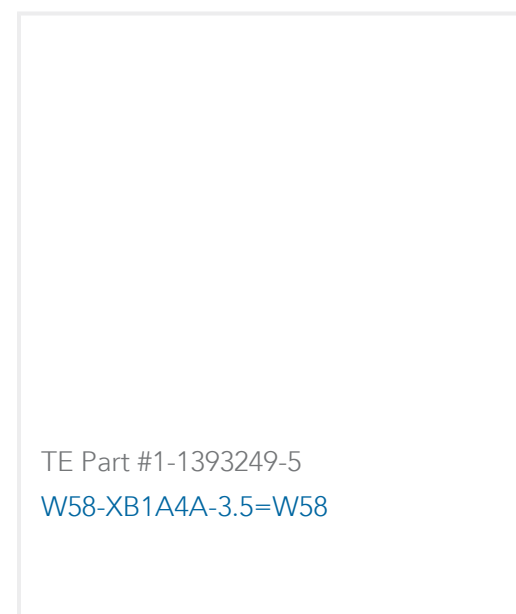
TE Part #5-1625868-8
RP 2A 0.25W 21R 0.1% 25PPM 1K RL



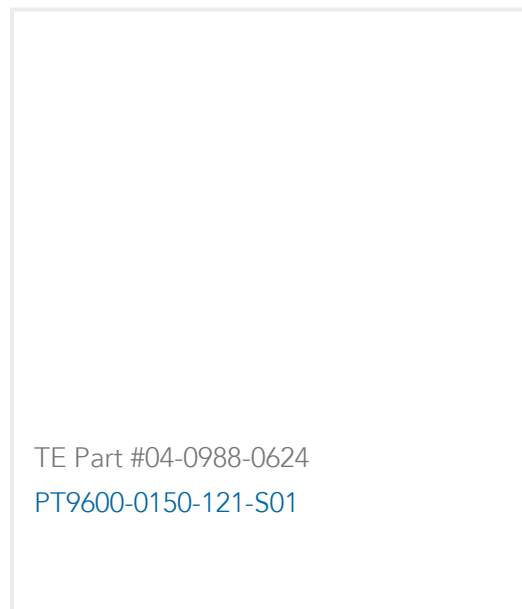
TE Part #1423167-7
SSFR90X=UNIV. TIMER



TE Part #950825-000
TXR40AB90-2210AI



TE Part #1-1393249-5
W58-XB1A4A-3.5=W58



TE Part #04-0988-0624
PT9600-0150-121-S01



TE Part #1393130-9
PRD-7AY0-24=PRD

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_3-1393030-1_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1393030-1_B1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1393030-1_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, SSRD and SSRT Series

English

Agency Approvals

UL

English