

SSR-480A50

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSR

TE Internal #: 4-1393030-5

AC Input Solid State Relay, 1 Form A SPST-NO, 90 – 280 VAC Input, 48 – 660 Vrms Output, AC Output, Panel Mount, Black, Potter & Brumfield SSR

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Relays & Contactors > Solid State Relays



Input Current Type: AC

Contact Arrangement: 1 Form A SPST-NO

Input Voltage: 90 – 280 VAC

Output Voltage Rating: 48 – 660 Vrms

Output Switching: Zero

Features

Configuration Features

Contact Arrangement	1 Form A SPST-NO
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Electrical Characteristics

Input Voltage	90 – 280 VAC
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
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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]
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Operation/Application

Input Current Type	AC
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 #K1007153
Toggle Switch 08-1-1-13



TE Part #DTT-20-03
CRIMP TOOL



TE Part #K1060489
Relay 29-113-12



TE Part #K1002956
Toggle Switch 08-4-1-13



TE Part #K1008699
Relay 26-60-05



TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part #DRC16-70SBE-P013UK
PLG, 70P, BLK, E, SEAL BOND, B



TE Part #SRK-PC-080-25-601
PIN, SOLID, SIZE M8, 25mm2, AG



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_4-1393030-5_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1393030-5_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1393030-5_A1.2d_dxf.zip](#)

English

3D PDF

3D

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Datasheets & Catalog Pages

[SSR_Datasheet](#)

English

[SSR, SSRD and SSRT Series](#)

English

Agency Approvals

[UL](#)

English