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







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) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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 #04-0988-0624
PT9600-0150-121-S01



TE Part #741939-000
RDSS-CLIP-150(S5)



TE Part #9-1393113-8
KUEP-3D15-12=KU



TE Part #8-1393117-8
KUP-14A35-24=KU



TE Part #7-1393127-9
PRD-3AY0-120=PRD



TE Part #3-1393144-5
K10P-11AT5-24=K10/K20



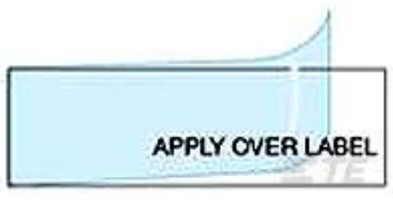
TE Part #1423167-2
SSFR90A=UNIV. TIMER 120V



TE Part #985444-000
E7512-0160(B60)



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



TE Part #1878658-5
QC210AC

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