

SSRM-600A45 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSRM

TE Internal #: 7-1393030-5

Power Relays, Solid State, 1 Form A (SPST-NO), DIN Rail, Potter & Brumfield SSRM

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



Power Relay Type: **Solid State**

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

Relay Mounting Type: **DIN Rail**

[All P&B SSRM SERIES SOLID STATE RELAYS \(6\)](#)

Features

Product Type Features

Output Type	AC
Power Relay Type	Solid State

Configuration Features

Output Switching	Zero
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Electrical Characteristics

Output Voltage (Max)	660 V
Input Voltage Typical	90 VAC
Output Voltage Rating (AC Relays)	48 – 660 Vrms
Output Current Rating	.15 – 45 Arms
Input Voltage	90 – 140 VAC
Output Current (Min)	.15 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features

Product Weight	479 g[16.9 oz]
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Case Color	Black
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Contact Features

Switch Arrangement	1 Form A (SPST-NO)
Contact Arrangement	1 Form A (SPST-NO)

Termination Features

Relay Termination Type	Finger-Safe (IP20) Screw Clamps
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Mechanical Attachment

Coupling	Optical
Relay Mounting Type	DIN Rail

Housing Features

Relay Housing Style	DIN Mount with Integral Heatsink
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Dimensions

Dimensions (L x W x H) (Approximate)	76.2 x 44.5 x 109.2 mm[3 x 1.75 x 4.3 in]
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Usage Conditions

Operating Temperature Range	-40 – 80 °C
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Operation/Application

R-Switch & slimSSR Relays	Yes
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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: JUNE 2022 (224) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
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

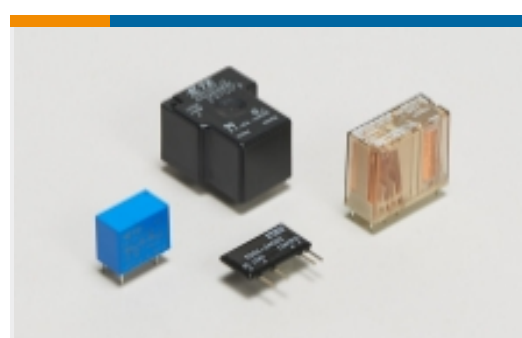
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-P851-SS61E
P&B Solid State Relays, SSRK Series

Also in the Series | Potter & Brumfield SSRM



Power Relays(6)

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_7-1393030-5_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393030-5_A1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393030-5_A1.3d_igs.zip](#)

English



3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Potter & Brumfield SSRK SSRM Series](#)

English

[Solid State Relay SSRM Series Data Sheet](#)

English