

SSRM-600A45

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSRM

TE Internal #: 7-1393030-5

Potter & Brumfield SSRM, Power Relays, Solid State, Contact Arrangement 1 Form A (SPST-NO), DIN Rail Relay Mounting Type

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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: JAN 2021 (211) 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 SSRK SERIES SOLID STATE
RELAYS

Also in the Series | Potter & Brumfield SSRM

Power Relays(6)

Customers Also Bought

TE Part #DTT-20-03
CRIMP TOOL

TE Part #1011-232-0305
DEUTSCH DT BACKSHELLS

TE Part #2-1564532-1
HEAVY DUTY SEALED CONNECTOR
HOUSINGS

TE Part #K1007153
Toggle Switch 1-Pole, Sealed, Lever,
Toggle, Plastic Lever



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1393030-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1393030-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1393030-5_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Solid State Relay SSRM Series Data Sheet

English

Potter & Brumfield SSRK SSRM Series

English