

SSRK-240D20 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSRK

TE Internal #: 9-1393030-3

DC Input Solid State Relay, 1 Form A SPST-NO, 3 – 32 VDC Input, 24 – 240 VDC Output, 20 A Contact Rating, AC Output, DIN Rail, Black

[View on TE.com >](#)



Relays & Contactors > Solid State Relays > P&B Solid State Relays, SSRK Series



Contact Arrangement: 1 Form A SPST-NO

Input Current Type: DC

Input Voltage: 3 – 32 VDC

Output Voltage Rating: 24 – 240 VDC

Output Switching: Zero

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

Features

Configuration Features

Relay Options	Integral Heatsink
Contact Arrangement	1 Form A SPST-NO

Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Input Voltage	3 – 32 VDC
Output Voltage Rating	24 – 240 VDC
Contact Current Rating	20 A

Body Features

Primary Product Color	Black
Product Weight	280 g[9.87 oz]

Termination Features

Relay Connection Type	Terminals
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Terminal Configuration

Screw Terminals

Mechanical Attachment

Product Mounting Feature Type

Mounting Hole

Product Mount Type

DIN Rail

Dimensions

Product Length

82.3 mm[3.24 in]

Product Width

22.5 mm[.885 in]

Product Height

111.5 mm[4.38 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](https://www.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 reviewed for solder process capability

Product Compliance Disclaimer

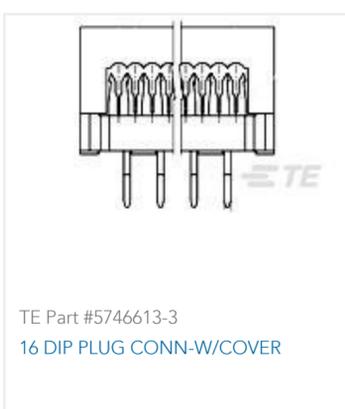
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Also in the Series | Potter & Brumfield SSRK



Customers Also Bought



Documents

[CAD Files](#)



Customer View Model

[ENG_CVM_CVM_9-1393030-3_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-1393030-3_A2.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_9-1393030-3_A2.2d_dxf.zip](#)

English

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

[SSRK_Datasheet](#)

English

Agency Approvals

UL

English