

SSRK-240A30

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSRK

TE Internal #: 9-1393030-1

Power Relays, Solid State, Contact Arrangement 1 Form A (SPST-NO), 30A Contact Current Rating (Max), DIN Rail Relay Mounting Type

[View on TE.com >](#)



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



Power Relay Type: **Solid State**
Contact Arrangement: **1 Form A (SPST-NO)**
Contact Current Rating (Max): **30 A**
Relay Mounting Type: **DIN Rail**

[All P&B SSRK SERIES SOLID STATE RELAYS \(12\)](#)

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)	240 V
Input Voltage Typical	90 VAC
Output Voltage Rating (AC Relays)	24 – 240 Vrms
Output Current Rating	.15 – 30 Arms
Input Voltage	90 – 280 VAC
Output Current (Min)	.15 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms

Body Features



Product Weight	280 g[9.87 oz]
Case Color	Black

Contact Features

Switch Arrangement	1 Form A (SPST-NO)
Contact Arrangement	1 Form A (SPST-NO)
Contact Current Rating (Max)	30 A

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)	82.3 x 22.5 x 111.5 mm[3.24 x .886 x 4.39 in]
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Usage Conditions

Operating Temperature Range	-30 – 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	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.5% in Component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # CAT-P851-SS61F
P&B SSRM SERIES SOLID STATE RELAYS

Also in the Series | Potter & Brumfield SSRK

Power Relays(12)

Customers Also Bought

TE Part #58630-1
PROCrimp HT&D 12-10 ULTRAFast

TE Part #58545-1
SOLISTRAND 10-22 DIE ASSY

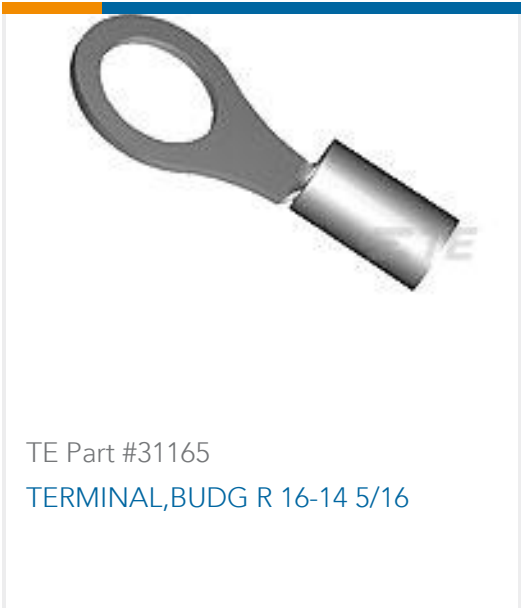
TE Part #2-34120-1
TERMINAL,SOLIS R 16-14 6

TE Part #207599-7
MMATE PIN HDR ASSY,16P LF

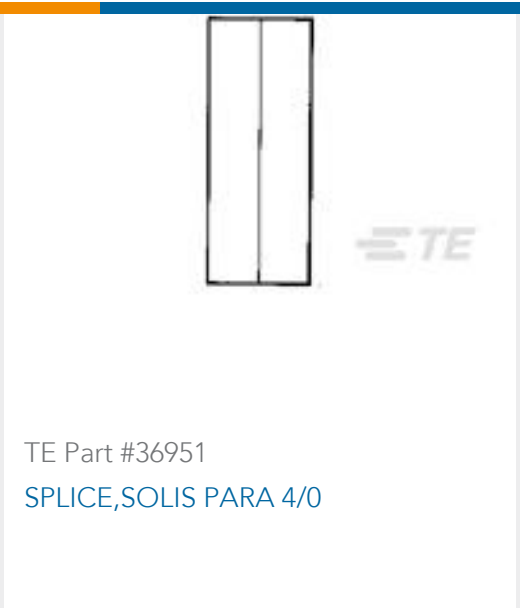




TE Part #31123
BODY,RING TONGUE 12-10 5/16



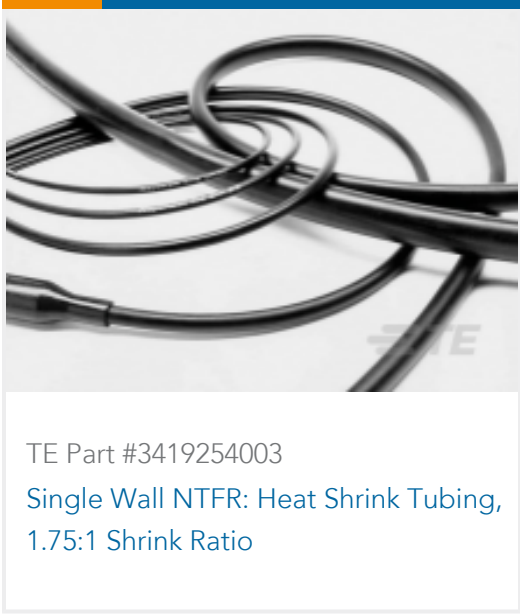
TE Part #31165
TERMINAL,BUDG R 16-14 5/16



TE Part #36951
SPLICE,SOLIS PARA 4/0



TE Part #36948
SPLICE,SOLIS PARA 2/0



TE Part #3419254003
Single Wall NTFR: Heat Shrink Tubing,
1.75:1 Shrink Ratio



TE Part #ZPF000000000035140
983-6KE 12-12 S6

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1393030-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1393030-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1393030-1_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 SSRK Series Data Sheet

English

Potter & Brumfield SSRK SSRM Series

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide