

# KRP-5AY-120 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 1-1393102-7

Potter & Brumfield KRPA, Power Relays, Industrial Panel Plug-In, Monostable, AC, 1 – 2VA Coil Power Rating Class, 2VA Coil Power Rating AC

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, AC**

Coil Power Rating Class: **[ 1 – 2 VA ]**

Coil Power Rating AC: **2 VA**

Coil Resistance: **2250 Ω**

## Features

### Product Type Features

Power Relay Type	Industrial Panel Plug-In
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### Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	500 – 1000 V
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Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
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Actuating System	AC
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Insulation Initial Dielectric Between Open Contacts	1000 Vrms
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Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
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Insulation Initial Resistance	1000 MΩ
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Coil Magnetic System	Monostable, AC
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1 – 2 VA

Coil Power Rating AC	2 VA
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Coil Resistance	2250 Ω
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Coil Special Features	UL Coil Insulation Class B
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Coil Voltage Rating	120 VAC
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Contact Switching Load (Min)	100mA @ 12V
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Contact Voltage Rating	240 VAC
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### Body Features

Product Weight	85 g[2.988 oz]
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### Contact Features

Contact Arrangement	1 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	10 A
Contact Material	Ag
Contact Number of Poles	1
Terminal Type	Plug-In

### Mechanical Attachment

Relay Mounting Type	Socket
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### Dimensions

Length Class (Mechanical)	35 – 40 mm
Height Class (Mechanical)	50 – 60 mm
Width Class (Mechanical)	30 – 40 mm
Product Width	35.7 mm[1.405 in]
Product Length	35.7 mm[1.406 in]
Product Height	50.8 mm[2 in]

### Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	55 °C[131 °F]
Environmental Category of Protection	RTI
Operating Temperature Range	-45 – 55 °C

### Packaging Features

Packaging Method	Package
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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 Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold:

Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

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

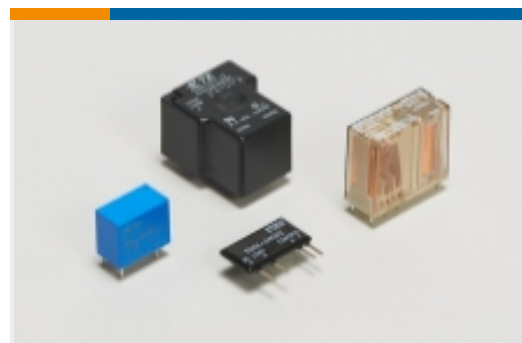


TE Part # 1393143-6  
27E122=SOCKET,KRPA,8,SCW,PLES




TE Part # 2-1419106-3  
27E891=SOCKET,KRPA,8,OCTAL,POL

### Also in the Series | Potter & Brumfield KRPA



Power Relays(120)



Relay Accessories, Sockets & Clips(5)

### Customers Also Bought



## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393102-7\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393102-7\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393102-7\\_D.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[KRPA, KRP, KA, KR 5 to 10 Amp General Purpose Relay](#)

English

### Product Specifications



## Definitions Relays

English

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[1419130-3](#) [7-1608047-2](#)