

KRPA-11DG-12

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 4-1393104-3

Potter & Brumfield KRPA, Power Relays, Industrial Panel Plug-In,  
Monostable, DC, 1000 – 1500mW Coil Power Rating Class, 1200mW  
Coil Power Rating DC

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**  
Coil Magnetic System: **Monostable, DC**  
Coil Power Rating Class: **1000 – 1500 mW**  
Coil Power Rating DC: **1200 mW**  
Coil Resistance: **120 Ω**

Features

Product Type Features

|                  |                          |
|------------------|--------------------------|
| Power Relay Type | Industrial Panel Plug-In |
|------------------|--------------------------|

Electrical Characteristics

|                                                            |                            |
|------------------------------------------------------------|----------------------------|
| Insulation Initial Dielectric Between Coil & Contact Class | 500 – 1000 V               |
| Insulation Initial Dielectric Between Contacts & Coil      | 1000 Vrms                  |
| Actuating System                                           | DC                         |
| Insulation Initial Dielectric Between Open Contacts        | 1000 Vrms                  |
| Contact Limiting Making Current                            | 10 A                       |
| Contact Limiting Short-Time Current                        | 10 A                       |
| Contact Limiting Continuous Current                        | 10 A                       |
| Insulation Initial Dielectric Between Adjacent Contacts    | 1000 Vrms                  |
| Insulation Initial Resistance                              | 1000 MΩ                    |
| Contact Limiting Breaking Current                          | 10 A                       |
| Coil Magnetic System                                       | Monostable, DC             |
| Coil Power Rating Class                                    | 1000 – 1500 mW             |
| Coil Power Rating DC                                       | 1200 mW                    |
| Coil Resistance                                            | 120 Ω                      |
| Coil Special Features                                      | UL Coil Insulation Class B |
| Coil Voltage Rating                                        | 12 VDC                     |
|                                                            |                            |



|                              |             |
|------------------------------|-------------|
| Contact Switching Load (Min) | 300mA @ 12V |
| Contact Voltage Rating       | 240 VAC     |

Body Features

|                |                |
|----------------|----------------|
| Product Weight | 85 g[2.988 oz] |
|----------------|----------------|

Contact Features

|                              |                |
|------------------------------|----------------|
| Contact Arrangement          | 2 Form C (CO)  |
| Contact Current Class        | 5 – 10 A, 16 A |
| Contact Current Rating (Max) | 10 A           |
| Contact Material             | AgCdO          |
| Contact Number of Poles      | 2              |
| Terminal Type                | Plug-In        |

Mechanical Attachment

|                     |        |
|---------------------|--------|
| Relay Mounting Type | Socket |
|---------------------|--------|

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) | 70 °C[158 °F] |
| Operating Temperature Range             | -45 – 70 °C   |

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

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                   | 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: JAN 2021<br>(211)<br>Candidate List Declared Against: DEC 2012<br>(138)<br>SVHC > Threshold:<br>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 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 # 1393143-6  
27E122=SOCKET,KRP,8,SCW,PLES

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

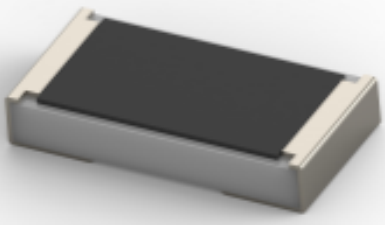
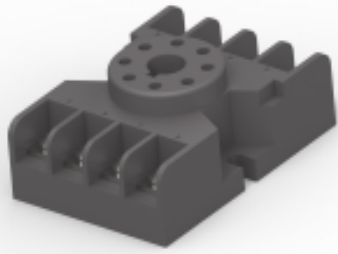
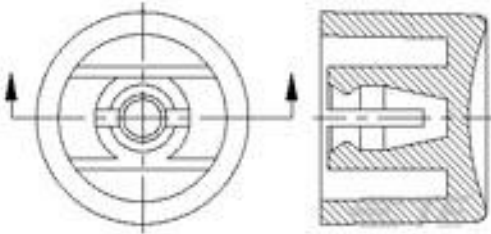
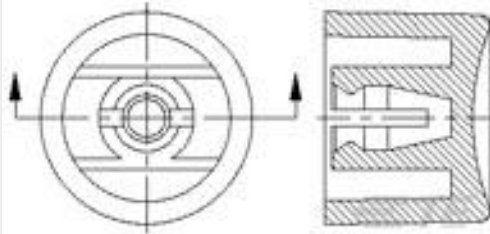
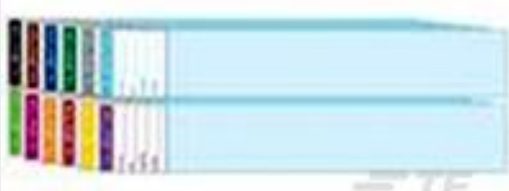
Also in the Series | Potter & Brumfield KRPA

Power Relays(60)

Relay Accessories, Sockets & Clips(5)

Customers Also Bought



|                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                |                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #9-2176231-7<br/>SMD Power Resistor: 3 Watt, 1% Tol</p> |  <p>TE Part #1-1735446-6<br/>AMP HPI 2.0MM HEADERS</p> |  <p>TE Part #1393143-6<br/>27E122=SOCKET,KRP,8,SCW,PLES</p> |  <p>TE Part #1393143-7<br/>27E123=SOCKET,KRP,11,SCW,PLE</p> |
|  <p>TE Part #1393249-9<br/>W58-XB1A4A-15=W58</p>                    |  <p>TE Part #1-1393249-2<br/>W58-XB1A4A-20=W58</p>     |  <p>TE Part #1825068-1<br/>C22004 CAP BLACK</p>             |  <p>TE Part #1825069-1<br/>C23004 CAP BLACK</p>             |
|  <p>TE Part #1393315-9<br/>V23132B2002A200=HCR</p>                |  <p>TE Part #1878680-8<br/>QUP12RD</p>              |                                                                                                                                                |                                                                                                                                                |

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1393104-3\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1393104-3\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1393104-3\_D.3d\_stp.zip

English

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

Datasheets & Catalog Pages

KRPA, KRP, KA, KR 5 to 10 Amp General Purpose Relay

English

Industrial Relays Quick Reference Guide

English



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

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Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English