

KRPA-14AN-240

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 7-1393104-5

General Purpose Power Relay, AC, Monostable, 3 Form C 3PDT-CO, 10 A Contact Rating, 240 VAC Coil Voltage, Potter & Brumfield KRPA

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Current Type: **AC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **3 Form C 3PDT-CO**

Contact Current Rating: **10 A**

Features

Product Type Features

|                        |                             |
|------------------------|-----------------------------|
| Relay & Contactor Type | General Purpose Power Relay |
|------------------------|-----------------------------|

Configuration Features

|                         |                            |
|-------------------------|----------------------------|
| Contact Number of Poles | 3                          |
| Coil Special Features   | UL Coil Insulation Class B |
| Contact Arrangement     | 3 Form C 3PDT-CO           |

Electrical Characteristics

|                                                         |             |
|---------------------------------------------------------|-------------|
| Contact Limiting Short-Time Current                     | 10 A        |
| Contact Limiting Making Current                         | 10 A        |
| Contact Limiting Continuous Current                     | 10 A        |
| Contact Limiting Breaking Current                       | 10 A        |
| Insulation Initial Dielectric Between Open Contacts     | 1000 Vrms   |
| Insulation Initial Dielectric Between Adjacent Contacts | 1000 Vrms   |
| Contact Switching Load (Min)                            | 300mA @ 12V |
| Coil Resistance                                         | 9110 Ω      |
| Coil Power Rating AC                                    | 2.1 VA      |
| Insulation Initial Resistance                           | 1000 MΩ     |
| Contact Current Rating                                  | 10 A        |
| Coil Voltage Rating                                     | 240 VAC     |



|                                                       |           |
|-------------------------------------------------------|-----------|
| Contact Voltage Rating                                | 240 VAC   |
| Insulation Initial Dielectric Between Contacts & Coil | 1000 Vrms |

Body Features

|                |                |
|----------------|----------------|
| Product Weight | 85 g[2.988 oz] |
| Enclosure Type | Dust Protected |

Contact Features

|                  |                      |
|------------------|----------------------|
| Contact Material | Silver Cadmium Oxide |
|------------------|----------------------|

Termination Features

|                                    |             |
|------------------------------------|-------------|
| Main Termination & Connection Type | Socket Pins |
| Coil Termination & Connection Type | Socket Pins |

Mechanical Attachment

|                               |                      |
|-------------------------------|----------------------|
| Product Mounting Feature Type | Mounting Studs       |
| Product Mount Type            | Panel & Socket Mount |

Dimensions

|                |                  |
|----------------|------------------|
| Product Width  | 35.71 mm[1.4 in] |
| Product Length | 35.71 mm[1.4 in] |
| Product Height | 50.8 mm[2 in]    |

Usage Conditions

|                                         |                           |
|-----------------------------------------|---------------------------|
| Operating Temperature Range             | -45 – 55 °C[-49 – 131 °F] |
| Environmental Category of Protection    | RTI                       |
| Environmental Ambient Temperature (Max) | 55 °C[131 °F]             |

Operation/Application

|                      |            |
|----------------------|------------|
| Indicator Type       | Lamp       |
| Current Type         | AC         |
| Coil Magnetic System | Monostable |

Packaging Features

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

Other

|                                         |            |
|-----------------------------------------|------------|
| Contact Current Class                   | 16 A       |
| Environmental Ambient Temperature Class | 50 – 70 °C |
| Height Class (Mechanical)               | 50 – 60 mm |



|                           |            |
|---------------------------|------------|
| Length Class (Mechanical) | 35 – 40 mm |
| Width Class (Mechanical)  | 30 – 40 mm |

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 Yet Reviewed                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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 2025 (247)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Cadmium oxide (10% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Use personal protective equipment as required. Do not eat, drink or smoke when using this product. 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 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 # 1393143-7  
27E123=SOCKET,KRP,11,SCW,SURF-MOUNT

TE Part # 2-1419106-4  
27E892=SOCKET,KRPA,11,OCTAL,DINRAIL



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

AC Relays(21)

DC Relays(24)

Electromechanical Relays(45)

Plug-In Relays(45)

Relay Accessories(4)

Customers Also Bought

TE Part #35152  
TERMINAL,PIDG SPD 12-10 8

TE Part #QW152-L  
WHIP, QW, 1/4,152-162MHz 157, 0dB, CH, G

TE Part #35349  
TERMINAL,PG R 16-14HD 1/4

TE Part #NB-PTCO-126  
Pt1000, 2.0x5.0, Class B, PTFD102B1G0

TE Part #165012  
PLASTI-GRIP, SPADE 16-14 8

TE Part #3-1393104-3  
KRPA-11AN-24=KRPA

TE Part #5-146281-1  
01 MODII HDR SRST B/A LF

TE Part #5-1393104-0  
KRPA-11DN-12=KRPA

TE Part #35109  
TERMINAL,PIDG R 12-10 10

TE Part #8-1393104-4  
KRPA-14DG-24=KRPA



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_7-1393104-5\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-1393104-5\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-1393104-5\_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

KR Sockets & Accessories

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English