# KRPA-14DG-48 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 8-1393104-5

Power Relays, General Purpose Power Relay, Monostable, 1.3 W Coil, 1800 Ω Coil Resistance, UL Coil Insulation Class B, Potter & Brumfield KRPA

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating: **1.3 W**

Coil Resistance: **1800 Ω**

Coil Special Features: **UL Coil Insulation Class B**

## Features

### Product Type Features

| | |
|---|---|
| Relay Type | General Purpose Power Relay |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| 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 Dielectric Between Contacts & Coil | 1000 Vrms |
| Insulation Initial Resistance | 1000 MΩ |
| Contact Limiting Breaking Current | 10 A |
| Coil Power Rating | 1.3 W |
| Coil Resistance | 1800 Ω |
| Coil Voltage Rating | 48 VDC |
| Contact Current Rating | 10 A |

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

## Body Features

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

## Contact Features

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|---|---|
| Contact Material | AgCdO |

## Termination Features

| | |
|---|---|
| Relay Connection Type | Plug-In |

## Mechanical Attachment

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

## Dimensions

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|---|---|
| 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

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|---|---|
| Environmental Category of Protection | RTI |
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Operating Temperature Range | -45 – 70 °C |

## Operation/Application

| | |
|---|---|
| Actuating System | DC |
| Coil Magnetic System | Monostable |

## Packaging Features

| | |
|---|---|
| Packaging Method | Package |

## Other

| | |
|---|---|
| Length Class (Mechanical) | 35 – 40 mm |
| Environmental Ambient Temperature Class | 50 – 70 °C |
| Height Class (Mechanical) | 50 – 60 mm |
| Coil Power Rating Class | 1000 – 1500 mW |
| Width Class (Mechanical) | 30 – 40 mm |
| Contact Current Class | 16 A |

## 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 |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUL 2021 (219)<br>SVHC > Threshold:<br>Cadmium oxide (10% in Component Part)<br>**Article Safe Usage Statements:**<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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

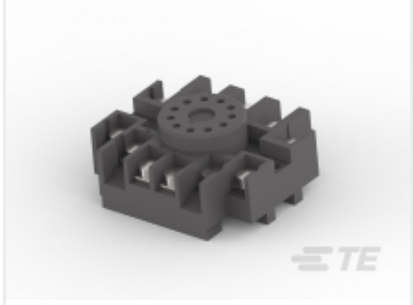
Product Compliance Disclaimer

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

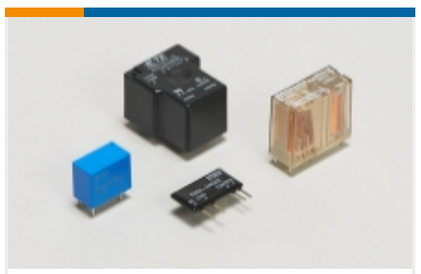


TE Part # 1393143-7
27E123=SOCKET,KRP,11,SCW,PLE



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

## Also in the Series | Potter & Brumfield KRPA



Power Relays(45)



Relay Accessories, Sockets & Clips(4)

## Customers Also Bought



TE Part #2-1419106-5
27E893=SOCKET,KU,11,QC,POLY,NA-



TE Part #324955
TERMINAL,SOLIS R 16-14 8



TE Part #4-1393104-6
KRPA-11DG-48=KRPA



TE Part #36161
TERMINAL,PIDG R 12-10 10



TE Part #33457
TERMINAL,SOLIS R 12-10 10



TE Part #4-1423159-3
7012PKX=RLY,STD,ON,2P,125VDC,



TE Part #3-1423164-1
7022PJ=RLY,STD,OFF,2P,125VDC,

TE Part #4-1393159-8
20C318=SPRING,HOLD-DOWN,K10,.0

TE Part #4-1393159-6
20C314=SPRING,HOLD,DOWN,KUP

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_8-1393104-5_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_8-1393104-5_D.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_8-1393104-5_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