# KRPA-14AY-120 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 7-1393104-7

General Purpose Power Relay, AC, Monostable, 3 Form C 3PDT-CO, 10 A Contact Rating, 120 VAC Coil Voltage, Potter & Brumfield KRPA

View on TE.com >

Relays & Contactors > Electromechanical Relays



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

Coil Magnetic System: **Monostable**

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

Current Type: **AC**

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) | 100mA @ 12V |
| Coil Resistance | 2250 Ω |
| Coil Power Rating AC | 2.1 VA |
| Insulation Initial Resistance | 1000 MΩ |
| Contact Current Rating | 10 A |
| Coil Voltage Rating | 120 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 | Ag |

## 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[1.406 in] |
| Product Length | 35.71 mm[1.406 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

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

## Packaging Features

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

## Other

| | |
|---|---|
| | >1.8 – ≤2.5 VA |
| Contact Current Class | >5 – ≤10 A |
| Height Class (Mechanical) | >45 – ≤70 mm[>1.772 – ≤2.756 in] |
| Length Class (Mechanical) | >33 – ≤45 mm[>1.299 – ≤1.772 in] |
| | |

| | |
|---|---|
| Width Class (Mechanical) | >33 mm[>1.299 in] |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Cd (7.5% 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 Yet Reviewed for halogen content |
| Solder Process Capability | Not applicable for solder process capability |

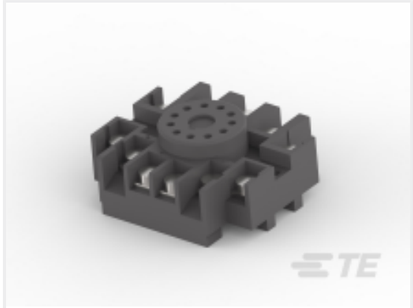
Product Compliance Disclaimer

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 # 1393143-7
27E123=SOCKET,KRP,11,SCW,SURF-MOUNT

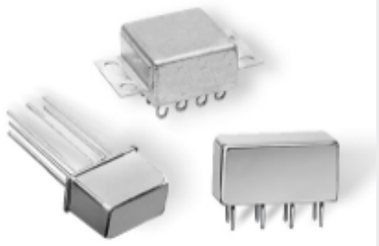


TE Part # 2-1419106-4
27E892=SOCKET,KRPA,11,OCTAL, DINRAIL

## 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 #1SNA199055R2200
D1.5/6.ADO.1



TE Part #2-1393104-5
KRPA-11AG-120=KRPA-



TE Part #8-1393104-1
KRPA-14DG-110=KRPA



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



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



TE Part #1423157-2
7012AB=RLY,STD,ON,2P,120VAC,5S



TE Part #1-1423159-7
7012PA=RLY,STD,ON,2P,125VDC,1



TE Part #2-1423159-3
7012PC=RLY,STD,ON,2P,125VDC,15



TE Part #2-1879450-5
TE 500W 100R 5% Bracket

TE Part #5-2027011-1
KUEP-7D15-125=RELAY,5A,2A, AGCDO,QC.187,M

## Documents

## CAD Files

### 3D PDF

3D

### Customer View Model

ENG_CVM_CVM_7-1393104-7_D.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_7-1393104-7_D.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_7-1393104-7_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