

KRPA-11DY-24

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 5-1393104-7

General Purpose Power Relay, DC, Monostable, 2 Form C DPDT-CO, 10 A Contact Rating, 24 VDC Coil Voltage, Potter & Brumfield KRPA

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Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **10 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Number of Poles	2
Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	2 Form C DPDT-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	472 Ω
Insulation Initial Resistance	1000 MΩ
Contact Current Rating	10 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	240 VAC



Coil Power Rating DC	1.25 W
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Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
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Body Features

Product Weight	85 g[2.988 oz]
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Enclosure Type	Dust Protected
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Contact Features

Contact Material	Ag
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Termination Features

Main Termination & Connection Type	Socket Pins
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Coil Termination & Connection Type	Socket Pins
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Mechanical Attachment

Product Mounting Feature Type	Mounting Studs
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Product Mount Type	Panel & Socket Mount
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Dimensions

Product Width	35.71 mm[1.4 in]
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Product Length	35.71 mm[1.4 in]
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Product Height	50.8 mm[2 in]
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Usage Conditions

Operating Temperature Range	-45 – 70 °C[-49 – 158 °F]
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Environmental Category of Protection	RTI
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Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Operation/Application

Current Type	DC
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Coil Magnetic System	Monostable
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Packaging Features

Packaging Method	Tray
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Other

Coil Power Rating Class	1 – 1.5 W
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Contact Current Class	16 A
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Environmental Ambient Temperature Class	50 – 70 °C
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Height Class (Mechanical)	50 – 60 mm
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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	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 2025 (247) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Cadmium oxide (7.95% in Component Part) Article Safe Usage Statements: 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 # 2-1419106-3
27E891=SOCKET,KRPA,8,OCTAL,
DINRAIL

TE Part # 1393143-6
27E122=SOCKET,KRP,8,SCW,SURF-
MOUNT

Also in the Series | Potter & Brumfield KRPA

A photograph of a white AC relay with multiple green and gold pins on the side.

AC Relays(21)

A photograph of two DC relays, one with a silver metal housing and one with a black plastic housing.

DC Relays(24)

A photograph of various electromechanical relays, including a large black one and a smaller red one.

Electromechanical Relays(45)

A photograph of several plug-in relays with different colored housings (black, red, blue).

Plug-In Relays(45)

A photograph of various relay accessories, including terminal blocks and connectors.

Relay Accessories(4)

Customers Also Bought

A photograph of a TE relay component with a transparent housing and orange internal parts.

TE Part #3-1393104-4
KRPA-11AN-240=KRPA

A photograph of a grey DIN rail socket component.

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

A photograph of several small electronic components, including a 60VK6 component.

TE Part #2-6609028-5
60VK6=F8152

A photograph of a TE relay component with a transparent housing and orange internal parts.

TE Part #3-1393104-2
KRPA-11AN-120=KRPA

A photograph of a wire pin component.

TE Part #180599
SOLIS 8 WIRE PIN

A photograph of a yellow RC610 component.

TE Part #1SNA233141R2600
RC610 1->50 (X2) HORIZONTAL

A photograph of a latch block component.

TE Part #747080-2
LATCH BLOCK/PACKAGED/.090 PANL

A photograph of a TE relay component with a transparent housing and orange internal parts.

TE Part #3-1393104-1
KRPA-11AN-12=KRPA

A photograph of a metal BJS6-20 component.

TE Part #1SNA174784R2000
BJS6-20

A photograph of a crimp tool component.

TE Part #55893-1
CRIMP.TOOL 22-10(SEALED PROD.)

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1393104-7_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1393104-7_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1393104-7_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