

Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 1393105-7

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-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: 1 Form C SPDT-CO

Contact Current Rating: 10 A

Features

Product Type Features

Froduct Type reatures	
Relay & Contactor Type	General Purpose Power Relay
Configuration Features	
Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	1 Form C SPDT-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	100 ΜΩ
Contact Current Rating	10 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	240 VAC



Coil Power Rating DC	1.25 W
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[1.4 in]
Product Length	35.71 mm[1.4 in]
Product Height	50.8 mm[2 in]
Usage Conditions	
Operating Temperature Range	-45 – 70 °C[-49 – 158 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operation/Application	
Current Type	DC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Package
Other	
Coil Power Rating Class	1 – 1.5 W
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
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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





Also in the Series | Potter & Brumfield KRPA



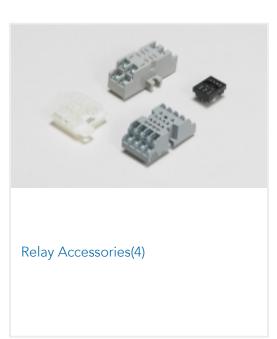






Electromechanical Relays(45)

Plug-In Relays(45)



Customers Also Bought













Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393105-7_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1393105-7_D.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_1393105-7_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