



Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 7-1393104-8

General Purpose Power Relay, AC, Monostable, 3 Form C 3PDT-CO, 10 A Contact Rating, 24 VAC Coil Voltage, Potter & Brumfield KRPA

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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
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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	85 Ω
Coil Power Rating AC	2.02 VA
Insulation Initial Resistance	1000 MΩ
Contact Current Rating	10 A
Coil Voltage Rating	24 VAC



Contact Voltage Rating	240 VAC
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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[1.406 in]
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Product Length	35.71 mm[1.406 in]
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Product Height	50.8 mm[2 in]
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Usage Conditions

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

Coil Magnetic System	Monostable
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Current Type	AC
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Packaging Features

Packaging Method	Tray
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Other

	>1.8 – ≤2.5 VA
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Contact Current Class	>5 – ≤10 A
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Height Class (Mechanical)	>45 – ≤70 mm[>1.772 – ≤2.756 in]
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Length Class (Mechanical)	>33 – ≤45 mm[>1.299 – ≤1.772 in]
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Width Class (Mechanical)	>33 mm[>1.299 in]
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



Also in the Series | [Potter & Brumfield KRPA](#)



AC Relays(21)



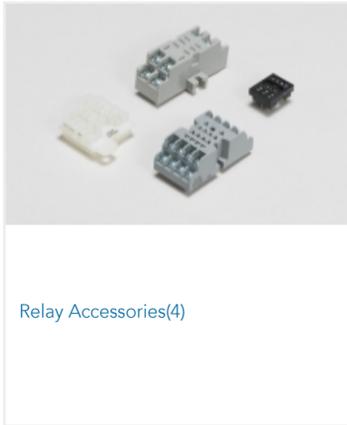
DC Relays(24)



Electromechanical Relays(45)



Plug-In Relays(45)



Relay Accessories(4)

Customers Also Bought



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #103455-2
MOD V RECP LP



TE Part #205116-1
ARINC, SOCKET ASSY, SZ 20



TE Part #1-206062-6
CABLE CLAMP KIT #11



TE Part #206358-5
CABLE CLAMP ASY, SIZE 11



TE Part #206486-2
CPC RECPT ASSEMBLY SIZE 11-9



TE Part #207476-1
CABLE CLAMP KIT, SZ 5



TE Part #1-1546670-2
12P.437" DR BARRIER,W/BND SCRW



TE Part #5205817-1
KIT SCREWLOCK FEMALE

Documents



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_7-1393104-8_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393104-8_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393104-8_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