KRPA-14DG-48 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 8-1393104-5

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

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **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 3PDT-CO
Contact 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 DC	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

Product Weight	85 g[2.988 oz]

Contact Features

Contact Material	AgCdO

Termination Features

Relay Connection Type	Plug-In

Mechanical Attachment

Product Mounting Feature Type	Mounting Studs
Product Mount Type	Socket

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

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

Operation/Application

Current Type	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	1 – 1.5 W
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) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Cadmium oxide (10% 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 Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

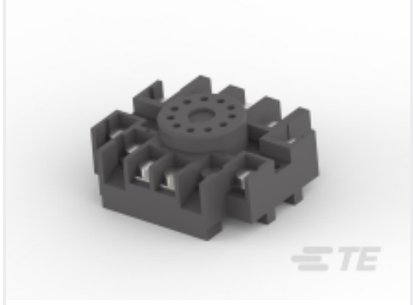
Product Compliance Disclaimer

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

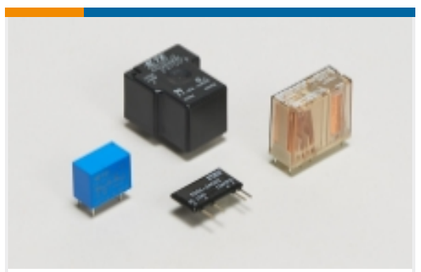


TE Part # 1393143-7
27E123=SOCKET,KRP,11,SCW,PLE



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

Also in the Series | Potter & Brumfield KRPA



Power Relays(45)



Relay Accessories(4)

Customers Also Bought



TE Part #1-1393114-1
KUEP-7D15-24=KU



TE Part #34123
TERMINAL,SOLIS R 16-14 10



TE Part #35684
TERMINAL,SOLIS R 14-12 6



TE Part #6-1393104-5
KRPA-14AG-120=KRPA



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



TE Part #31805
TERMINAL,SOLIS R 12-10 10



TE Part #2-1393104-7
KRPA-11AG-240=KRPA



TE Part #4-1393104-2
KRPA-11DG-110=KRPA

TE Part #1520204-1
8690K2=10 AMP TOGGLE DPDT



TE Part #9-1393159-5
40G432=INSUL,SKT TRACK MTG,R10

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1969656-1 2005330-1 141991-2 1903112-2 917696-1 CRGCQ2010J3K3 MPT100C18RF ROX05SJ18R SMW73R0JT 1743455-2 2-292161-3 2377783-2 SBCHE64R7K SBCHE154R7K 1-794222-0 2310537-1 3631B101LL CPF0402B37K4E1 1-962915-1 2380312-2 3430B2F51RTDF 650075-000 936348-1 RH73H2A40MKTN U5254-000005-030PA TE50BR39J 2834055-1 3-1393225-0 1393431-1 175977-2