



Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 1393105-7

Power Relays, Industrial Panel Plug-In, Monostable, DC, 1250 mW

Coil Power Rating DC, 472 Ω Coil Resistance, Potter & Brumfield

KRPA

[View on TE.com >](#)

Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **1250 mW**

Coil Resistance: **472 Ω**

Coil Special Features: **UL Coil Insulation Class B**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
------------------	--------------------------

Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	500 – 1000 V
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
Actuating System	DC
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
Coil Power Rating Class	1000 – 1500 mW
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Resistance	100 MΩ
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	1250 mW
Coil Resistance	472 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	24 VDC



Contact Switching Load (Min)	100mA @ 12V
------------------------------	-------------

Contact Voltage Rating	240 VAC
------------------------	---------

Body Features

Product Weight	85 g[2.988 oz]
----------------	----------------

Contact Features

Contact Arrangement	1 Form C (CO)
---------------------	---------------

Contact Current Class	5 – 10 A, 16 A
-----------------------	----------------

Contact Current Rating (Max)	10 A
------------------------------	------

Contact Material	Ag
------------------	----

Contact Number of Poles	1
-------------------------	---

Relay Terminal Type	Plug-In
---------------------	---------

Mechanical Attachment

Relay Mounting Type	Socket
---------------------	--------

Dimensions

Length Class (Mechanical)	35 – 40 mm
---------------------------	------------

Height Class (Mechanical)	50 – 60 mm
---------------------------	------------

Width Class (Mechanical)	30 – 40 mm
--------------------------	------------

Product Width	35.7 mm[1.405 in]
---------------	-------------------

Product Length	35.7 mm[1.406 in]
----------------	-------------------

Product Height	50.8 mm[2 in]
----------------	---------------

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
---	------------

Environmental Ambient Temperature (Max)	70 °C[158 °F]
---	---------------

Operating Temperature Range	-45 – 70 °C
-----------------------------	-------------

Packaging Features

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

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 2023 (235)

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

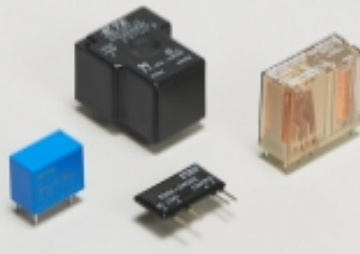


TE Part # 1393143-6
27E122=SOCKET,KRPA,8,SCW,PLES

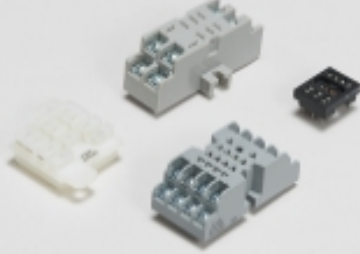


TE Part # 2-1419106-3
27E891=SOCKET,KRPA,8,OCTAL,POL

Also in the Series | Potter & Brumfield KRPA



Power Relays(45)



Relay Accessories, Sockets & Clips(5)

Customers Also Bought



TE Part #499252-1
040 STRAIN RELIEF A-L RCPT



TE Part #5103308-8
A/L LOW PRO HDR 40P VERT BLACK



TE Part #1658622-9
40 NOVO MIL/CTR 30DP, LEAD FREE



TE Part #1-962915-3
TAB 2.8x0.8 CONTACT CS SWS Au



TE Part #3-456406-3
CRIMPER, WIRE .090 "F"



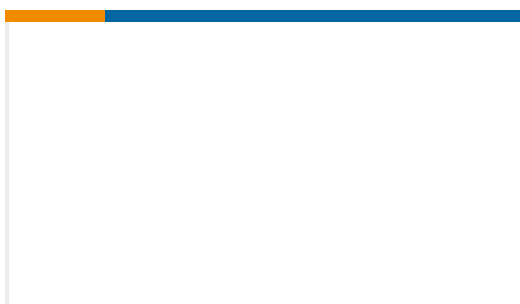
TE Part #65002-06N
RECP ASSY



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



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



TE Part #11030356-00
21621-2.2K, HONEYWELL, 990-222

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

Product Specifications



Definitions General Purpose Relays

English

Agency Approvals

UL

English