# KRPA-14AY-120 ACTIVE

## Potter & Brumfield | Potter & Brumfield KRPA

TE Internal #: 7-1393104-7

Potter & Brumfield KRPA, Power Relays, Industrial Panel Plug-In, Monostable, AC, 2 – 3VA Coil Power Rating Class, 2.1VA Coil

Power Rating AC

View on TE.com >



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: Industrial Panel Plug-In
Coil Magnetic System: Monostable, AC
Coil Power Rating Class: [2-3 VA]
Coil Power Rating AC: 2.1 VA

Coil Resistance: 2250  $\Omega$ 

## **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	AC
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 Resistance	1000 ΜΩ
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, AC
	2 – 3 VA
Coil Power Rating AC	2.1 VA
Coil Resistance	2250 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	120 VAC



Contact Switching Load (Min)	100mA @ 12V
Contact Voltage Rating	240 VAC
Body Features	
Product Weight	85 a[2 088 az]
	85 g[2.988 oz]
Contact Features	
Contact Arrangement	3 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	10 A
Contact Material	Ag
Contact Number of Poles	3
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 Length Product Height	35.7 mm[1.406 in] 50.8 mm[2 in]
Product Height	
Product Height  Usage Conditions	50.8 mm[2 in]
Product Height  Usage Conditions  Environmental Ambient Temperature Class	50.8 mm[2 in] 50 – 70 °C
Product Height  Usage Conditions  Environmental Ambient Temperature Class  Environmental Ambient Temperature (Max)	50.8 mm[2 in]  50 - 70 °C  55 °C[131 °F]
Product Height  Usage Conditions  Environmental Ambient Temperature Class  Environmental Ambient Temperature (Max)  Operating Temperature Range	50.8 mm[2 in]  50 - 70 °C  55 °C[131 °F]

## **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 with Exemptions
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 2021

(211)

Candidate List Declared Against: JUN 2013

(144)

SVHC > Threshold: Not Yet Reviewed

Halogen Content Not Yet Reviewed for halogen content

Solder Process Capability

Not applicable for solder process capability

#### Product Compliance Disclaimer

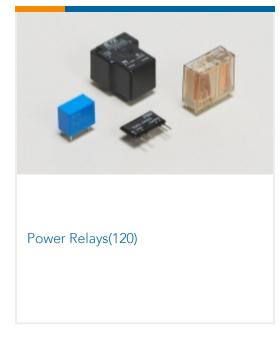
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

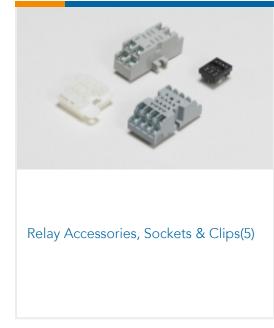
## Compatible Parts





## Also in the Series | Potter & Brumfield KRPA





# **Customers Also Bought**





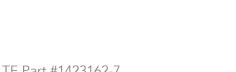


TE Part #1423162-2

TE Part #1419111-5
24A071=CLIP,SKT,ASSY,W/SCW









7022AB=RLY,STD,OFF,2P,120VAC,5





TE Part #1423162-7 7022AD=RLY,STD,OFF,2P,120VAC,5





TE Part #1-1423100-6
PRD-11DY0-125= CONTACTOR
ASSEMBLY

#### **Documents**

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_7-1393104-7\_D.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_7-1393104-7\_D.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_7-1393104-7\_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

Industrial Relays Quick Reference Guide

English

Potter & Brumfield KRPA, Power Relays, Industrial Panel Plug-In, Monostable, AC, 2 – 3VA Coil Power Rating Class, 2.1VA Coil Power Rating AC



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

**Product Specifications** 

Definitions, Handling, Processing, Testing and Use of Relays

English