



Relays, Contactors & Switches > Relays > Power Relays



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

Coil Magnetic System: **Monostable, AC**

Coil Power Rating Class: **[ 1 – 2 VA ]**

Coil Power Rating AC: **2 VA**

Coil Resistance: **2250 Ω**

## 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                  |
| Insulation Initial Dielectric Between Adjacent Contacts    | 1000 Vrms                  |
| Insulation Initial Resistance                              | 1000 MΩ                    |
| Coil Magnetic System                                       | Monostable, AC             |
|  | 1 – 2 VA                   |
| Coil Power Rating AC                                       | 2 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 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 Height            | 50.8 mm[2 in]     |

### Usage Conditions

|   |               |
|---|---------------|
| Environmental Ambient Temperature Class | 50 – 70 °C    |
| Environmental Ambient Temperature (Max) | 55 °C[131 °F] |
| Environmental Category of Protection    | RTI           |
| Operating Temperature Range             | -45 – 55 °C   |

### Packaging Features

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

### Product Compliance

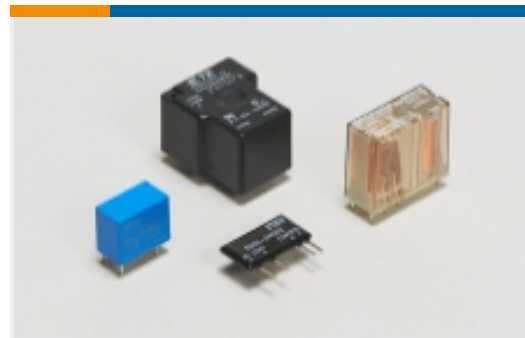
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Not Compliant   |
| EU ELV Directive 2000/53/EC                   | Not Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                    |
| EU REACH Regulation (EC) No. 1907/2006        | 欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月 (197)<br>SvHCs候选清单的声明更新至: 2013年6月 (144) |
| 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.

Also in the Series | **Potter & Brumfield KRPA**

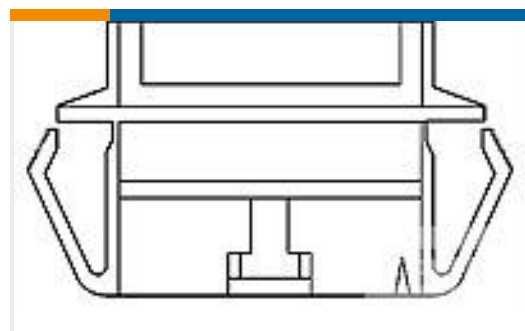


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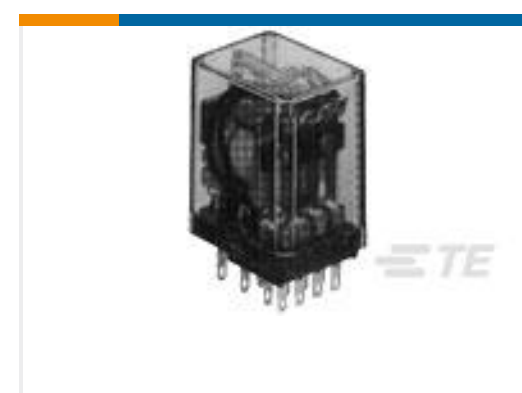
TE Part #1437471-2  
SSC12APA=120V 60HZ .1  
TO 10 SE



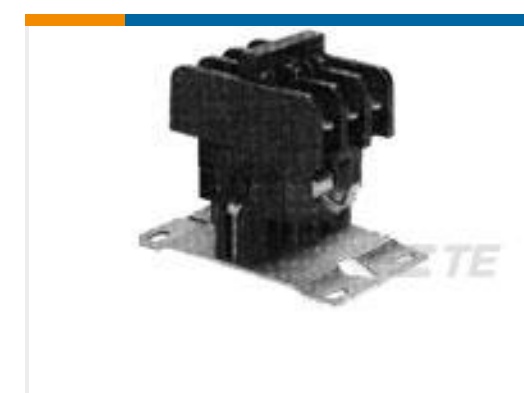
TE Part #9-1423157-0  
7012ADM=RLY,STD,ON,  
2P,120VAC,50SEC,M OPT



TE Part #4-1393099-1  
KA-11AY-6=KA/KB/KC/KR



TE Part #1393122-3  
KHAE-17D16-48=KH



TE Part #1-1393132-9  
P25P42A12P1-  
240=CONTACTORS



## Documents

### Datasheets & Catalog Pages

[KRPA, KRP, KA, KR 5 to 10 Amp General Purpose Relay](#)

English

[Industrial Relays Quick Reference Guide](#)

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### Product Specifications

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English

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