

KUEP-3DT5-24

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUEP

TE Internal #: 9-1393113-5

Potter & Brumfield KUEP, Power Relays, Industrial Panel Plug-In,  
Monostable, DC, 1000 – 1500mW Coil Power Rating Class, 1250mW  
Coil Power Rating DC

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**  
Coil Magnetic System: **Monostable, DC**  
Coil Power Rating Class: **1000 – 1500 mW**  
Coil Power Rating DC: **1250 mW**  
Coil Resistance: **472  $\Omega$**

Features

Product Type Features

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

Electrical Characteristics

|                                                            |                            |
|------------------------------------------------------------|----------------------------|
| Insulation Initial Dielectric Between Coil & Contact Class | 1500 – 2500 V              |
| Insulation Initial Dielectric Between Contacts & Coil      | 2200 Vrms                  |
| Actuating System                                           | DC                         |
| Insulation Initial Dielectric Between Open Contacts        | 1200 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    | 2200 Vrms                  |
| Insulation Initial Resistance                              | 100 M $\Omega$             |
| Contact Limiting Breaking Current                          | 10 A                       |
| Coil Magnetic System                                       | Monostable, DC             |
| Coil Power Rating Class                                    | 1000 – 1500 mW             |
| Coil Power Rating DC                                       | 1250 mW                    |
| Coil Resistance                                            | 472 $\Omega$               |
| Coil Special Features                                      | UL Coil Insulation Class B |
| Coil Voltage Rating                                        | 24 VDC                     |
|                                                            |                            |



|                              |             |
|------------------------------|-------------|
| Contact Switching Load (Min) | 300mA @ 12V |
| Contact Voltage Rating       | 150 VDC     |

Body Features

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

Contact Features

|                              |                         |
|------------------------------|-------------------------|
| Contact Special Features     | Magnetic Blowout        |
| Contact Arrangement          | 1 Form X (NO, Bridging) |
| Contact Current Class        | 5 – 10 A, 16 A          |
| Contact Current Rating (Max) | 10 A                    |
| Contact Material             | AgCdO                   |
| Contact Number of Poles      | 1                       |
| Terminal Type                | Quick Connect, Solder   |

Mechanical Attachment

|                     |                           |
|---------------------|---------------------------|
| Relay Mounting Type | Flange Mount, Panel Mount |
|---------------------|---------------------------|

Dimensions

|                           |                   |
|---------------------------|-------------------|
| Length Class (Mechanical) | 35 – 40 mm        |
| Width Class (Mechanical)  | 30 – 40 mm        |
| Product Width             | 34.9 mm[1.374 in] |
| Product Length            | 38.6 mm[1.52 in]  |
| Product Height            | 57.1 mm[2.248 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 with Exemptions            |
| 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

Current ECHA Candidate List: JAN 2021 (211)  
Candidate List Declared Against: JAN 2021 (211)  
SVHC > Threshold:  
Cadmium oxide (3.76% 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 ContentNot Yet Reviewed for halogen content

Solder Process CapabilityNot applicable for solder process capability

Product Compliance Disclaimer

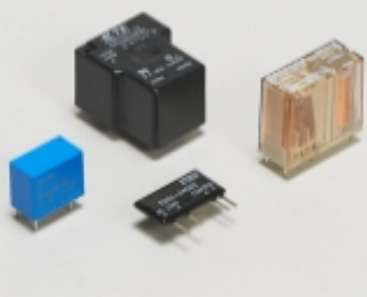
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1393114-5  
KUEP-3D35-24=KU

Also in the Series | Potter & Brumfield KUEP

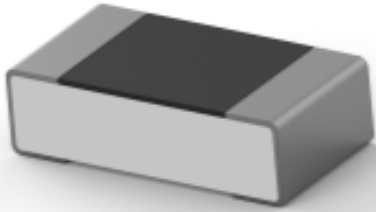
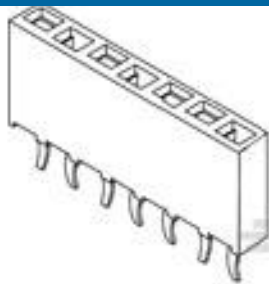
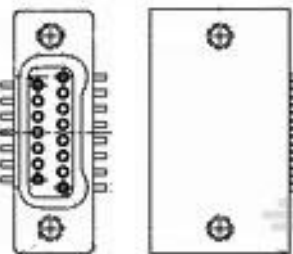
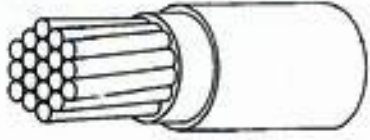
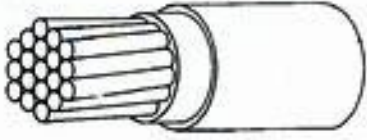
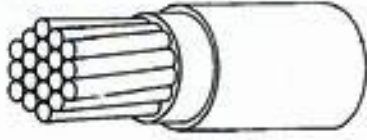
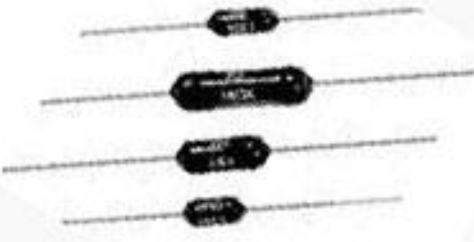
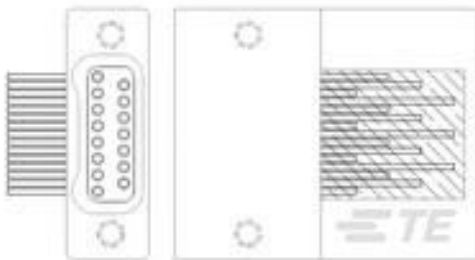
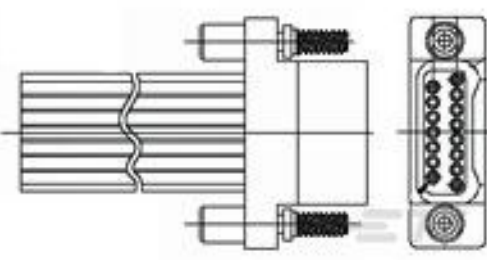


Power Relays(30)

Customers Also Bought





|                                                                                                                                                 |                                                                                                                                               |                                                                                                                                          |                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #8-2176369-8<br/>RQ 0603 324R 0.1% 10PPM 5K RL</p> |  <p>TE Part #1-215297-3<br/>13P HV100 REC CON. TE, 7.0MM</p> |  <p>TE Part #1589484-2<br/>STL009L42KN = SMT CONN</p> |  <p>TE Part #3822433012<br/>44A1121-24-0/9-9</p>   |
|  <p>TE Part #2820403012<br/>44A0111-24-0</p>                   |  <p>TE Part #2820003010<br/>44A0111-16-0</p>                 |  <p>TE Part #2820263013<br/>44A0111-20-6</p>          |  <p>TE Part #1-1879643-6<br/>H8 30K 0.5% 50PPM</p> |
|  <p>TE Part #3-1589487-0<br/>STM025M6CN = THRU-HOLE</p>      |  <p>TE Part #1589788-7<br/>STM025PC2DM012N = WDUALOBE</p>  |                                                                                                                                          |                                                                                                                                       |

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_9-1393113-5\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_9-1393113-5\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_9-1393113-5\_D.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Industrial Relays Quick Reference Guide

English

KUEP Series Relay Datasheet

English



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

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Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English