

KUP-17A51-240

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUP

TE Internal #: 4-1393118-4

Potter & Brumfield KUP, Power Relays, Industrial Panel Plug-In, Monostable, AC, 2 – 3VA Coil Power Rating Class, 2.9VA Coil Power Rating AC

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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: **2.9 VA**

Coil Resistance: **7200 Ω**

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                                           | AC                         |
| Insulation Initial Dielectric Between Open Contacts        | 1200 Vrms                  |
| Insulation Initial Dielectric Between Adjacent Contacts    | 2200 Vrms                  |
| Insulation Initial Resistance                              | 100 MΩ                     |
| Coil Magnetic System                                       | Monostable, AC             |
|                                                            | 2 – 3 VA                   |
| Coil Power Rating AC                                       | 2.9 VA                     |
| Coil Resistance                                            | 7200 Ω                     |
| Coil Special Features                                      | UL Coil Insulation Class B |
| Coil Voltage Rating                                        | 240 VAC                    |
| Contact Switching Load (Min)                               | 300mA @ 12V                |
| Contact Voltage Rating                                     | 240 VAC                    |

Body Features

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



Contact Features

|                              |                       |
|------------------------------|-----------------------|
| Contact Arrangement          | 4 Form C (CO)         |
| Contact Current Class        | 5 – 10 A, 16 A        |
| Contact Current Rating (Max) | 5 A                   |
| Contact Material             | Ag                    |
| Contact Number of Poles      | 4                     |
| Terminal Type                | Quick Connect, Solder |

Mechanical Attachment

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

Dimensions

|                           |                   |
|---------------------------|-------------------|
| Length Class (Mechanical) | 40 – 50 mm        |
| Height Class (Mechanical) | 30 – 40 mm        |
| Width Class (Mechanical)  | 30 – 40 mm        |
| Product Width             | 38.9 mm[1.531 in] |
| Product Length            | 48.4 mm[1.906 in] |
| Product Height            | 35.7 mm[1.405 in] |

Usage Conditions

|                                         |               |
|-----------------------------------------|---------------|
| Environmental Ambient Temperature Class | 0 – 50 °C     |
| Environmental Ambient Temperature (Max) | 45 °C[113 °F] |
| Operating Temperature Range             | -45 – 45 °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)<br>Candidate List Declared Against: JUN 2013 (144)<br>SVHC > Threshold:<br>Not Yet Reviewed |



|                           |                                              |
|---------------------------|----------------------------------------------|
| Halogen Content           | Not Yet Reviewed for halogen content         |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

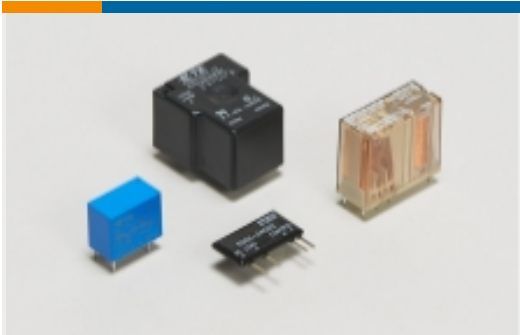
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part # 281197-2  
FF 187 REC 1.0-2.5MM2 PTBR

Also in the Series | Potter & Brumfield KUP



Power Relays(155)



Relay Accessories, Sockets & Clips(12)

Customers Also Bought



TE Part #4-1393159-5  
20C301=SPRING

TE Part #282856-5  
TERMI-BLOK PCB MOUNT 5P

TE Part #532446-9  
HDI PIN ASSY 2 ROW 100 POS

TE Part #YDTS26W25-19BAV001  
D38999: Straight Plug, 25-19 Insert

TE Part #212933-2  
PLUG ASSY,104 POSN,AMPLIMITE

TE Part #478542-000  
TMS-SCE-1K-3/32-2.0-S2-9

TE Part #8-192013-2  
LA1A,.625,.006,SILVER PL

TE Part #104656-7  
70 50/50 HDR DRST SFMNT .320

TE Part #285343-000  
D-600-0032

TE Part #8-1393132-2  
P40P47A13P1-240=CONTACTORS

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1393118-4\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1393118-4\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1393118-4\_D.3d\_stp.zip

English

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

Datasheets & Catalog Pages

KU KUP Enclosed Relay

English

Industrial Relays Quick Reference Guide

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