# KUHP-11DT1-12 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 7-1393114-2

Power Relays, General Purpose Power Relay, Monostable, 1.2 W Coil, 120 Ω Coil Resistance, UL Coil Insulation Class B, Potter & Brumfield KUHP

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating: **1.2 W**

Coil Resistance: **120 Ω**

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

## Features

### Product Type Features

| | |
|---|---|
| Relay Type | General Purpose Power Relay |

### Configuration Features

| | |
|---|---|
| Coil Special Features | UL Coil Insulation Class B |
| Contact Arrangement | 2 Form C (CO) |
| Number of Poles | 2 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Initial Dielectric Between Open Contacts | 1200 Vrms |
| Contact Limiting Making Current | 20 A |
| Contact Limiting Short-Time Current | 20 A |
| Contact Limiting Continuous Current | 20 A |
| Insulation Initial Dielectric Between Adjacent Contacts | 3750 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil | 3750 Vrms |
| Insulation Initial Resistance | 100 MΩ |
| Contact Limiting Breaking Current | 20 A |
| Coil Power Rating | 1.2 W |
| Coil Resistance | 120 Ω |
| Coil Voltage Rating | 12 VDC |
| Contact Current Rating | 20 A |

| | |
|---|---|
| Contact Switching Load (Min) | 300mA @ 12V |
| Contact Voltage Rating | 240 VAC |

## Body Features

| | |
|---|---|
| Product Weight | 92 g[3.245 oz] |

## Contact Features

| | |
|---|---|
| Contact Material | AgCdO |

## Termination Features

| | |
|---|---|
| Relay Connection Type | Plug-In |
| Terminal Configuration | Quick Connect Terminals |

## Mechanical Attachment

| | |
|---|---|
| Product Mounting Feature Type | Flange with Mounting Slots |
| Product Mount Type | Panel |

## Dimensions

| | |
|---|---|
| Product Width | 35.38 mm[1.39 in] |
| Product Length | 60.5 mm[2.38 in] |
| Product Height | 62.51 mm[2.46 in] |

## Usage Conditions

| | |
|---|---|
| Environmental Category of Protection | RTI |
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Operating Temperature Range | -45 – 70 °C |

## Operation/Application

| | |
|---|---|
| Actuating System | DC |
| Coil Magnetic System | Monostable |

## Packaging Features

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

## Other

| | |
|---|---|
| Length Class (Mechanical) | 35 – 40 mm |
| Environmental Ambient Temperature Class | 50 – 70 °C |
| Coil Power Rating Class | 1000 – 1500 mW |
| Width Class (Mechanical) | 30 – 40 mm |
| Contact Current Class | 16 A |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Yet Reviewed |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Not reviewed for China RoHS compliance |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2023 (233)<br>SVHC > Threshold:<br>Cadmium oxide (10% in component part)<br>**Article Safe Usage Statements:**<br>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 Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

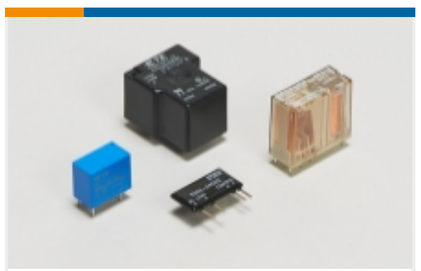
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



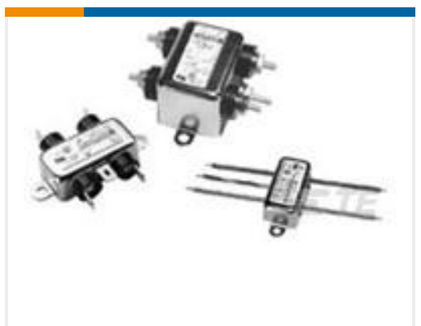
TE Part # 7-1393114-7
KUHP-11D51-12=KU

## Also in the Series | Potter & Brumfield KUHP



Power Relays(19)

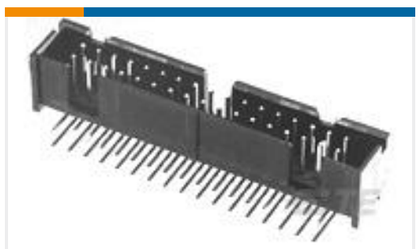
## Customers Also Bought



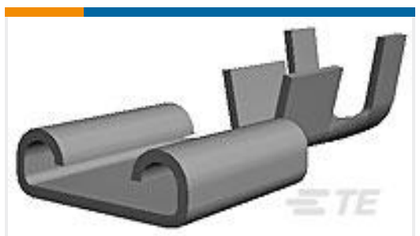
TE Part #1-6609021-1
20VB1=F7130 S0



TE Part #2213627-2
ASSEMBLY, ROT DIM REC 49.22MM 7 POS 150C



TE Part #1-5103310-0
A/L LOW PRO HDR 50P RA BLACK



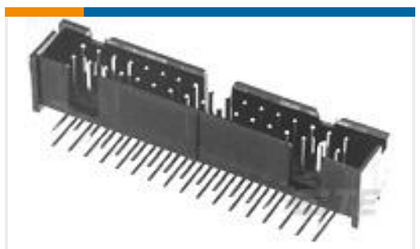
TE Part #62998-2
250 FSATON REC 10-8 AWG TPBR



TE Part #5-1393144-0
K10P-11DT5-12=K10/K20



TE Part #7-1423674-8
W54-XB1A4A10-35=CKTBKR,THERM,P



TE Part #1-103310-0
050 LOPRO HDR RA 15DP




TE Part #2267079-2
TMS6T3B1M1QE



TE Part #1879352-3
RR02 5% R39 AMMO



TE Part #YDTS26F17-26PNV001
PLUG ASSY

## Documents

### CAD Files

Customer View Model

ENG_CVM_7-1393114-2_0303.3d_igs.zip

English

Customer View Model

ENG_CVM_7-1393114-2_0303.3d_stp.zip

English

Customer View Model

ENG_CVM_7-1393114-2_0303.2d_dxf.zip

English

### 3D PDF

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

### KUHP 30 Amp Power Relays

English

## Product Specifications

### Definitions General Purpose Relays

English

## Agency Approvals

### UL

English