

KUHP-11DT1-12

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 7-1393114-2

General Purpose Power Relay, Monostable, 1.2 W Coil, 120 ohm

Coil Resistance, UL Coil Insulation Class B, Potter & Brumfield

KUHP, Power Relays

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Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**  
Coil Magnetic System: **Monostable**  
Coil Power Rating DC: **1.2 W**  
Coil Resistance: **120  $\Omega$**   
Coil Special Features: **UL Coil Insulation Class B**

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	2 Form C DPDT-CO
Contact 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 M $\Omega$
Contact Limiting Breaking Current	20 A
Coil Power Rating DC	1.2 W
Coil Resistance	120 $\Omega$
Coil Voltage Rating	12 VDC
Contact Current Rating	20 A



Contact Switching Load (Min)	300mA @ 12V
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Contact Voltage Rating	240 VAC
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Body Features

Product Weight	92 g[3.245 oz]
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Contact Features

Contact Material	AgCdO
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Termination Features

Relay Connection Type	Plug-In
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Terminal Configuration	Quick Connect Terminals
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Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Slots
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Product Mount Type	Panel
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Dimensions

Product Width	35.38 mm[1.39 in]
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Product Length	60.5 mm[2.38 in]
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Product Height	62.51 mm[2.46 in]
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Usage Conditions

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

Current Type	DC
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Coil Magnetic System	Monostable
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Packaging Features

Packaging Method	Package
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Other

Length Class (Mechanical)	35 – 40 mm
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Environmental Ambient Temperature Class	50 – 70 °C
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Coil Power Rating Class	1 – 1.5 W
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Width Class (Mechanical)	30 – 40 mm
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Contact Current Class	16 A
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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) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Cadmium oxide (10% in component part) <b>Article Safe Usage Statements:</b> 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



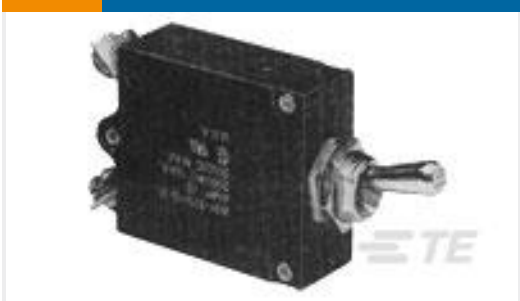
TE Part # 7-1393114-7  
KUHP-11D51-12=KU

Also in the Series | Potter & Brumfield KUHP



Power Relays(19)

Customers Also Bought



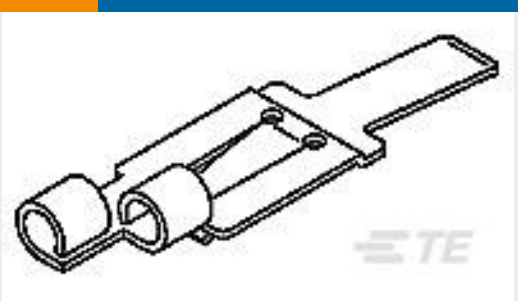
TE Part #3-1393247-3  
W31-X2M1G-15=W23/W31



TE Part #5-1393122-5  
KHAU-17D12-12=KH



TE Part #1648115-1  
222-0010-01100=SA CONN,SKT



TE Part #53889-1  
FLAG RELAY, SPECIAL-RR 14-10



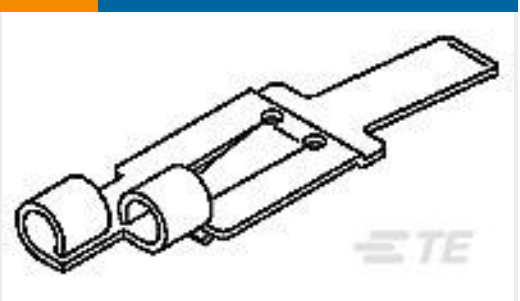
TE Part #42802-1  
250 FASTON TAB TPBR



TE Part #8-1393117-0  
KUP-14A15-240=KU



TE Part #2267078-1  
TMS6T5B2M2RE



TE Part #53112-1  
FLAG RELAY, SPECIAL-RR 20-16



TE Part #1-331417-1  
TERMINAL,SOLIS R 6HD 3/8



TE Part #ANT-433-CW-HD  
Antenna 1/4 Wave HD Whip 433MHz RPS

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