

KUEP-7D15-12

! PENDING OBSOLESCENCE

Potter & Brumfield | Potter & Brumfield KUEP

TE Internal #: 1-1393114-0

TE Internal Description: KUEP-7D15-12=KU

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Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**
Coil Magnetic System: **Monostable**
Coil Power Rating DC: **1.8 W**
Coil Resistance: **80 Ω**
Coil Special Features: **UL Coil Insulation Class B**

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Contact Special Features	Magnetic Blowout
Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	2 Form A DPST-NO
Contact Number of Poles	2

Electrical Characteristics

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 Dielectric Between Contacts & Coil	2200 Vrms
Insulation Initial Resistance	100 M Ω
Contact Limiting Breaking Current	10 A
Coil Power Rating DC	1.8 W
Coil Resistance	80 Ω
Coil Voltage Rating	12 VDC
Contact Current Rating	10 A
Contact Switching Load (Min)	300mA @ 12V



Contact Voltage Rating	150 VDC
Body Features	
Product Weight	85 g[2.988 oz]
Contact Features	
Contact Material	AgCdO
Termination Features	
Relay Connection Type	Plug-In
Terminal Configuration	Quick Connect Terminals
Mechanical Attachment	
Product Mount Type	Socket
Dimensions	
Product Width	35.71 mm[1.4 in]
Product Length	38.89 mm[1.53 in]
Product Height	48.41 mm[1.9 in]
Usage Conditions	
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-45 – 70 °C
Operation/Application	
Current Type	DC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Package
Other	
Length Class (Mechanical)	35 – 40 mm
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	40 – 50 mm
Width Class (Mechanical)	30 – 40 mm
Contact Current Class	16 A



EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Cadmium oxide (10% 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 Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2-1419106-5 27E893=SOCKET,KU,11,QC,POLY,NA-	 TE Part # 1419106-4 27E046=SOCKET,KU,11,PC,NYL,NAT	 TE Part # 1393143-1 27E043=SOCKET,KU,11,SLG,NYL,N	 TE Part # 1393143-5 27E121=SOCKET,KUP,11,SCW,PLE
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TE Part # 1393143-2

27E067=SOCKET,KU,11,QC,187,NY

TE Part # 3-1393143-8

27E396=SOCKET,KU,11,SNAP,-,187QC

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

Power Relays(15)

Customers Also Bought

TE Part #1-2199298-2

8P,DIP SKT,300 CL,LDR,PB FREE

TE Part #2-1419106-5

27E893=SOCKET,KU,11,QC,POLY,NA-

TE Part #2-5530843-3

CONN SEC II 35 POS 100C/L

TE Part #130552

TERM, RING, SOLIS, 6, M5

TE Part #34070

PG BUTT SPLC 22-16COMM22-18MIL

TE Part #3-2176091-6

RP 2A 0.25W 133R 0.1% 25PPM 1K RL

TE Part #1-2176404-2

3550 39K 1%

TE Part #6-1393117-0

KUP-11D55-6=KU

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_1-1393114-0_D.2d_dxf.zip
- English



Customer View Model

[ENG_CVM_CVM_1-1393114-0_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1393114-0_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[KUEP Series Relay Datasheet](#)

English

[KU Sockets & Accessories](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English

Agency Approvals

[UL](#)

English