

KUP-14A31F-120

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUP

TE Internal #: 8-1393117-6

General Purpose Power Relay, Monostable, 2.9 VA Coil Power Rating AC, 1700 ohm Coil Resistance, Potter & Brumfield KUP, Power Relays

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Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating Class: **[2 – 3 VA]**

Coil Power Rating AC: **2.9 VA**

Coil Resistance: **1700 Ω**

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	3 Form C 3PDT-CO
Contact Number of Poles	3

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Initial Dielectric Between Adjacent Contacts	2200 Vrms
Insulation Initial Dielectric Between Contacts & Coil	2200 Vrms
Insulation Initial Resistance	100 MΩ
Contact Limiting Breaking Current	5 A
Coil Power Rating AC	2.9 VA
Coil Resistance	1700 Ω
Coil Voltage Rating	120 VAC
Contact Current Rating	5 A



Contact Switching Load (Min)	300mA @ 12V
Contact Voltage Rating	240 VAC
Body Features	
Product Weight	85 g[2.988 oz]
Contact Features	
Contact Material	Ag
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	49.2 mm[1.93 in]
Usage Conditions	
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	45 °C[113 °F]
Operating Temperature Range	-45 – 45 °C
Operation/Application	
Current Type	AC
Indicator Type	Lamp
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Package
Other	
Length Class (Mechanical)	35 – 40 mm
Environmental Ambient Temperature Class	0 – 50 °C
Height Class (Mechanical)	40 – 50 mm
Width Class (Mechanical)	30 – 40 mm
	2 – 3 VA



Contact Current Class

16 A

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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 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 # 1393143-1 27E043=SOCKET,KU,11,SLG,NYL,N	 TE Part # 1393143-5 27E121=SOCKET,KUP,11,SCW,PLE	 TE Part # 1393143-2 27E067=SOCKET,KU,11,QC.187,NY
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TE Part # 3-1393143-8
27E396=SOCKET,KU,11,SNAP,,187QC

Also in the Series | Potter & Brumfield KUP

Power Relays(71)

Relay Accessories(10)

Customers Also Bought

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

TE Part #1-1393118-2
KUP-14D15-110=KU

TE Part #34243
PG BUTT SPLC 22-16COMM22-18MIL

TE Part #9-1393117-0
KUP-14A35F-120=KU

TE Part #1393240-6
RT314615

TE Part #58614-1
PROCrimp, HT&D SL156

TE Part #5-1393104-7
KRPA-11DY-24=KRPA

TE Part #3-1393104-2
KRPA-11AN-120=KRPA

TE Part #1-1393127-6
PRD-11AH0-120=PRD

TE Part #8-1393766-7
R10-E1Z6-V9.0K=R10



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1393117-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1393117-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1393117-6_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 Sockets & Accessories

English

KUP Series Panel Plug-in Relay

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English