KUP-14A31F-120 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KUP

TE Internal #: 8-1393117-6

General Purpose Power Relay, AC, Monostable, 3 Form C 3PDT-CO, 5 A Contact Rating, 120 VAC Coil Voltage, Potter & Brumfield KUP

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **3 Form C 3PDT-CO**

Current Type: **AC**

Contact Current Rating: **5 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	3
Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	3 Form C 3PDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	5 A
Contact Limiting Making Current	5 A
Contact Limiting Continuous Current	5 A
Contact Limiting Breaking Current	5 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	2200 Vrms
Contact Switching Load (Min)	300mA @ 12V
Coil Resistance	1700 Ω
Coil Power Rating AC	2.9 VA
Insulation Initial Resistance	100 MΩ
Contact Current Rating	5 A
Coil Voltage Rating	120 VAC

Contact Voltage Rating	240 VAC
Insulation Initial Dielectric Between Contacts & Coil	2200 Vrms

Body Features

Product Weight	85 g[2.988 oz]
Enclosure Type	Dust Protected

Contact Features

Contact Material	Ag

Termination Features

Main Termination & Connection Type	Quick Connect Terminals
Coil Termination & Connection Type	Quick Connect Terminals

Mechanical Attachment

Product Mount Type	Panel & Socket Mount

Dimensions

Product Width	35.71 mm[1.406 in]
Product Length	38.89 mm[1.53 in]
Product Height	49.2 mm[1.93 in]

Usage Conditions

Operating Temperature Range	-45 – 45 °C[-49 – 113 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	45 °C[113 °F]

Operation/Application

Indicator Type	Lamp
Coil Magnetic System	Monostable
Current Type	AC

Packaging Features

Packaging Method	Package

Other

	>2.5 – ≤3.5 VA
Contact Current Class	>2 – ≤5 A
Height Class (Mechanical)	>45 – ≤70 mm[>1.772 – ≤2.756 in]
Length Class (Mechanical)	>33 – ≤45 mm[>1.299 – ≤1.772 in]

Width Class (Mechanical)	>33 mm[>1.299 in]

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 2025 (250) 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, DINRAIL



TE Part # 1393143-2
27E067=SOCKET,KU,11,QC.187,NY, HARD-MNT



TE Part # 1393143-1
27E043=SOCKET,KU,11,SLG,NYL,N

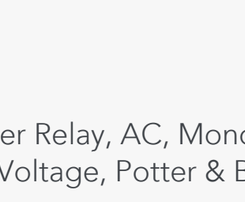


TE Part # 1393143-5
27E121=SOCKET,KUP,11,SCW,SURF-MOUNT



TE Part # 3-1393143-8
27E396=SOCKET,KU,11,SNAP,.187QC

Also in the Series | Potter & Brumfield KUP



AC Relays(31)



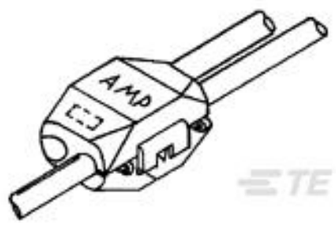
DC Relays(35)

General Purpose Power Relays(66)

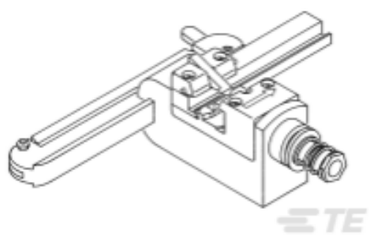
Customers Also Bought



TE Part #1SNL312530R0000
DBL125-3



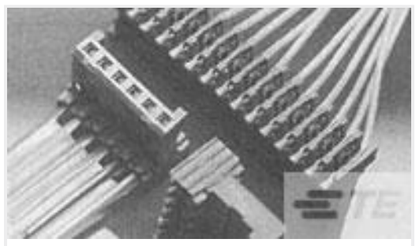
TE Part #53440-1
ELECTRO-TAP, 18-14 AWG RUN&TAP



TE Part #58442-1
MTA 100 CRIMP HEAD PRODUCTION FEED THRU



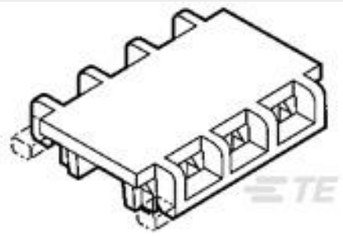
TE Part #213864-1
23-37 RCPT HSG,REV SEX,CPC



TE Part #281708-4
PLUG HE14 IDC 90 4 P TUBE



TE Part #1-499252-2
030 STRAIN RELIEF A-L RCPT



TE Part #643077-8
08P MTA100 MOLDED COVER F/T



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



TE Part #2-1393118-7
KUP-14D35-24=KU



TE Part #4-1393127-6
PRD-11DH0-110=PRD

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