

KHU-17A11N-120

! PENDING OBSOLESCENCE

Potter & Brumfield | Potter & Brumfield KHA

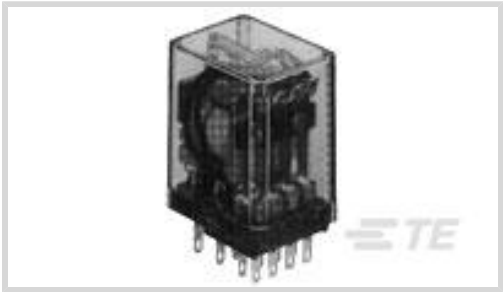
TE Internal #: 2-1393123-8

TE Internal Description: KHU-17A11N-120=KH

[View on TE.com >](#)



Relays & Contactors > Electromechanical Relays



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

Current Type: **AC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **4 Form C 4PDT-CO**

Contact Current Rating: **2.5 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Special Features	Bifurcated/Twin Contacts
Contact Number of Poles	4
Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	4 Form C 4PDT-CO

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Contact Switching Load (Min)	100mA @ 12V
Coil Resistance	3900 Ω
Coil Power Rating AC	1.35 VA
Insulation Initial Resistance	100 MΩ
Contact Current Rating	2.5 A
Coil Voltage Rating	120 VAC
Contact Voltage Rating	240 VAC
Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms

Body Features

Product Weight	45 g[1.587 oz]
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Enclosure Type	Dust Protected
Contact Features	
Contact Plating Material	Gold
Contact Material	Ag
Termination Features	
Main Termination & Connection Type	Solder Terminals
Coil Termination & Connection Type	Solder Terminals
Mechanical Attachment	
Product Mounting Feature Type	Mounting Studs
Product Mount Type	Panel & Socket Mount
Dimensions	
Product Width	21.82 mm[.859 in]
Product Length	28.17 mm[1.1 in]
Product Height	38.1 mm[1.5 in]
Usage Conditions	
Operating Temperature Range	-45 – 70 °C[-49 – 158 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operation/Application	
Indicator Type	Neon Light
Current Type	AC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Tray
Other	
Contact Current Class	16 A
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	30 – 40 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm

Product Compliance




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

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: JAN 2025 (247) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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 # 1419106-2
27E007=SOCKET,KH,14,PC,PHEN,BL,PCB



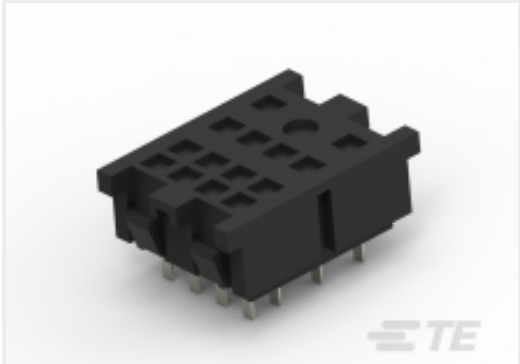
TE Part # 1-1393143-9
27E166=SOCKET,KH,14,SCW,SURF-MOUNT



TE Part # 1419106-1
27E006=SOCKET,KH,14,SLG,G/T,PH



TE Part # 2-1419106-6
27E894=SOCKET,KH,14,SCW,POLY,DINRAIL



TE Part # 1419106-3
27E023=SOCKET,KH,14,PCB,PHEN,BL



Also in the Series | [Potter & Brumfield KHA](#)

A white rectangular AC relay with multiple green and gold pins on one side and a single black pin on the other.

AC Relays(6)

A collection of three DC relays: one large silver one, one medium silver one, and one small black one.

DC Relays(8)

A collection of various electromechanical relays, including a large black one, a small orange one, and several smaller black and blue ones.

Electromechanical Relays(14)

A collection of various plug-in relays, including several black ones and one orange one.

Plug-In Relays(14)

A collection of five relay accessories, including two white plastic components and three black plastic components.

Relay Accessories(5)

Customers Also Bought

A silver metal terminal with a circular loop and a threaded end.

TE Part #35183
[TERMINAL,SOLIS R 2 5/16](#)

A complex silver metal assembly with multiple pins and a central slot.

TE Part #1SNA115271R2200
[M4/6.D2](#)

A black plastic connector with a circular opening and a threaded end.

TE Part #T4112002041-000
[M12,FEMALE,RA,A CODE,4P,PG9, GOLD](#)

A long, thin metal pin with a threaded end and a small loop.

TE Part #202236-5
[III+ PIN,SOLTAB,TIN,LP](#)

A black plastic component with a rectangular opening and a threaded end.

TE Part #3-1393132-6
[P30P42D12P1-24=CONTACTORS](#)

A black plastic component with a rectangular opening and a threaded end.

TE Part #1-2103172-1
[Plug Assembly, 350A, MSD](#)

A black plastic component with a rectangular opening and a threaded end.

TE Part #1-1393122-6
[KHAU-11D12-12=KH](#)

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2-1393123-8_C.2d_dxf.zip](#)

[English](#)



Customer View Model

[ENG_CVM_CVM_2-1393123-8_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393123-8_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[KHA General Purpose Dry Circuit to 5A Multicontact AC or DC Relay](#)

English

[KHA](#)

English

Product Specifications

[Definitions General Purpose Relays](#)

English