KHAU-17D12-24 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KHA

TE Internal #: 5-1393122-7

General Purpose Power Relay, DC, Monostable, 4 Form C 4PDT-CO, 5 A Contact Rating, 24 VDC Coil Voltage, Potter & Brumfield KHA

View on TE.com >

Relays & Contactors > Electromechanical Relays



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

Coil Magnetic System: **Monostable**

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

Current Type: **DC**

Contact Current Rating: **5 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay

Configuration Features

Contact Number of Poles	4
Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	4 Form C 4PDT-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	1000 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Contact Switching Load (Min)	300mA @ 12V
Coil Resistance	650 Ω
Insulation Initial Resistance	100 MΩ
Contact Current Rating	5 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	240 VAC

Coil Power Rating DC	.85 W
Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms

Body Features

Product Weight	45 g[1.587 oz]
Enclosure Type	Dust Protected

Contact Features

Contact Material	Silver Cadmium Oxide

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[1.109 in]
Product Height	32.54 mm[1.28 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

Coil Magnetic System	Monostable
Current Type	DC

Packaging Features

Packaging Method	Tray

Other

Coil Power Rating Class	>.6 – ≤1 W
Contact Current Class	>2 – ≤5 A
Height Class (Mechanical)	>27 – ≤33 mm[>1.063 – ≤1.299 in]
Length Class (Mechanical)	>22 – ≤33 mm[>.866 – ≤1.299 in]

Width Class (Mechanical)	>16 – ≤22 mm[>.63 – ≤.866 in]

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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Cd (7.5% 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 < 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 # 1419106-3
27E023=SOCKET,KH,14,PCB,PHEN,BL



TE Part # 1419106-2
27E007=SOCKET,KH,14,PC,PHEN,BL,PCB



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



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

TE Part # 1-1419106-8
27E1062=SOCKET,KH,14,SCW,POLY, DINRAIL

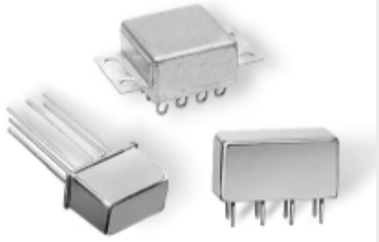


TE Part # 1419106-1
27E006=SOCKET,KH,14,SLG,G/T,PH

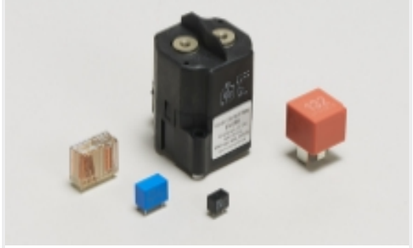
Also in the Series | Potter & Brumfield KHA



AC Relays(6)



DC Relays(8)



Electromechanical Relays(14)

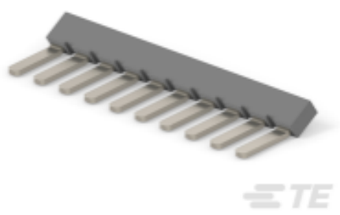


Plug-In Relays(14)



Relay Accessories(3)

Customers Also Bought



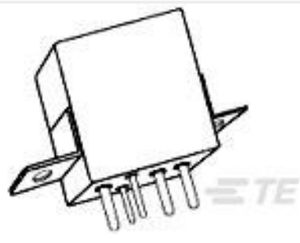
TE Part #1SNA163311R2200
PC61-10



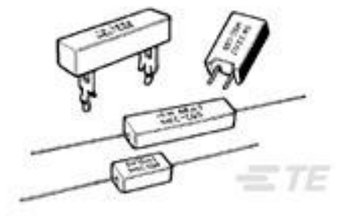
TE Part #A52466-000
HMM-508254-5-8A



TE Part #1437624-8
PK70B1/4=KNOB PLASTIC BLK 1/4



TE Part #2-1617748-1
FCA-125-15=M6106/19-015



TE Part #1623804-9
SQZ10 120R 5% (WIRE)



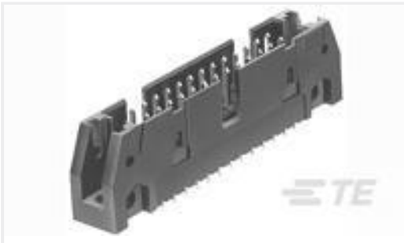
TE Part #1825095-2
TP11CGPC204



TE Part #5-1879355-2
RR03 5% 560K AMMO



TE Part #1888653-5
2X1 OFFSET ST/JK WITH LEDS



TE Part #5102155-1
A/L UNIV HDR 10P VERT

TE Part #5-1393159-1
20C426=SPRING,HOLD-DOWN,K10,.0

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_5-1393122-7_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1393122-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1393122-7_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

English

KHA General Purpose Dry Circuit to 5A Multicontact AC or DC Relay

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English