

KHAU-17D11-12

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KHA

TE Internal #: 4-1393122-3

General Purpose Power Relay, DC, Monostable, 4 Form C 4PDT-CO, 2.5 A Contact Rating, 12 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: **2.5 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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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	2.5 A
Contact Limiting Making Current	2.5 A
Contact Limiting Continuous Current	2.5 A
Contact Limiting Breaking Current	2.5 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Contact Switching Load (Min)	100mA @ 12V
Coil Resistance	160 Ω
Insulation Initial Resistance	100 MΩ
Contact Current Rating	2.5 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	240 VAC



Coil Power Rating DC	.9 W
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Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
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Body Features

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

Contact Material	Ag
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Termination Features

Main Termination & Connection Type	Solder Terminals
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Coil Termination & Connection Type	Solder Terminals
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Mechanical Attachment

Product Mounting Feature Type	Mounting Studs
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Product Mount Type	Panel & Socket Mount
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Dimensions

Product Width	21.82 mm[.859 in]
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Product Length	28.17 mm[1.109 in]
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Product Height	32.54 mm[1.28 in]
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Usage Conditions

Operating Temperature Range	-45 – 70 °C[-49 – 158 °F]
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Environmental Category of Protection	RTI
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Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Operation/Application

Coil Magnetic System	Monostable
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Current Type	DC
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Packaging Features

Packaging Method	Tray
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Other

Coil Power Rating Class	>.6 – ≤1 W
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Contact Current Class	>2 – ≤5 A
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Height Class (Mechanical)	>27 – ≤33 mm[>1.063 – ≤1.299 in]
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Length Class (Mechanical)	>22 – ≤33 mm[>.866 – ≤1.299 in]
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Width Class (Mechanical)	>16 – ≤22 mm[>.63 – ≤.866 in]
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Cadmium oxide (5.1% 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**

General Purpose Power Relays(14)

Relay Accessories(3)

Customers Also Bought

TE Part #T4113501041-000

M12,MALE,RA,D CODE,4P,PG7,GOLD

TE Part #40811

RING 138(3.50MM)TERMINAL 20-16
AWG TPBR

TE Part #5-87165-2

LOCKING CLIP ASSY .025 SQ LP

TE Part #2-87175-1

10 LOCKING CLIP HSG SR MRKD

TE Part #2-1658526-4

609-5041LF FEM SOCKT,LEAD FREE

TE Part #7-1879631-3

H8 10K 1% 100PPM

TE Part #8-2176476-6

RA73F 2A 392R 0.1% 1K RL

TE Part #4-1393210-4

T9AV1D12-22

TE Part #1419106-2

27E007=SOCKET,KH,14,PC,PHEN,BL,
PCB

TE Part #962069-3

2P JUN-TIMER GEH



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_4-1393122-3_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1393122-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1393122-3_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