

KHAU-17D12-48 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KHA

TE Internal #: 5-1393122-8

Power Relays, Industrial Panel Plug-In, Monostable, DC, 900 mW
Coil Power Rating DC, 2600 Ω Coil Resistance, Potter & Brumfield
KHA

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Relays & Contactors > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **900 mW**

Coil Resistance: **2600 Ω**

Coil Special Features: **UL Coil Insulation Class B**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	1000 – 1500 V
Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Coil Power Rating Class	800 – 1000 mW
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Insulation Initial Resistance	100 M Ω
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	900 mW
Coil Resistance	2600 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	48 VDC

Contact Switching Load (Min)	300mA @ 12V
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Contact Voltage Rating	240 VAC
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Body Features

Product Weight	45 g[1.587 oz]
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Contact Features

Contact Arrangement	4 Form C (CO)
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Contact Current Class	16 A
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Contact Current Rating (Max)	5 A
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Contact Material	AgCdO
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Contact Number of Poles	4
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Relay Terminal Type	Plug-In, Solder
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Mechanical Attachment

Relay Mounting Type	Socket
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Dimensions

Length Class (Mechanical)	25 – 30 mm
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Height Class (Mechanical)	30 – 40 mm
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Width Class (Mechanical)	20 – 25 mm
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Product Width	21.8 mm[.858 in]
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Product Length	28.2 mm[1.111 in]
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Product Height	32.5 mm[1.261 in]
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Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
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Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Operating Temperature Range	-45 – 70 °C
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Packaging Features

Packaging Method	Package
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2023
(235)

Candidate List Declared Against: JUNE
2022 (224)

SVHC > Threshold:

Cadmium oxide (7.95% 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

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 # 1-1393143-9
27E166=SOCKET,KH,14,SCW,PLES



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



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



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

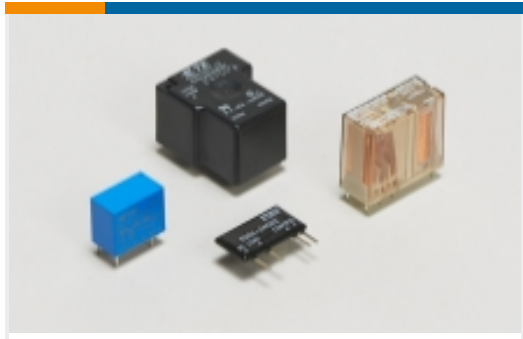


TE Part # 1419106-2
27E007=SOCKET,KH,14,PC,PHEN,BL



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

Also in the Series | **Potter & Brumfield KHA**



Power Relays(80)



Relay Accessories, Sockets & Clips(5)

Customers Also Bought



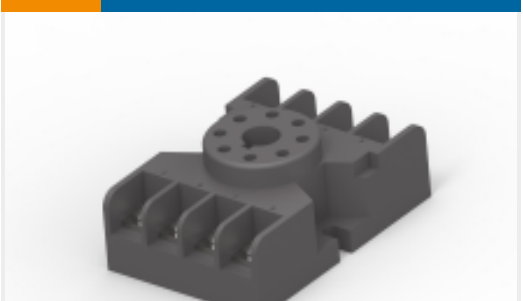
TE Part #66601-9
III+ SKT,18-14,TIN,LP



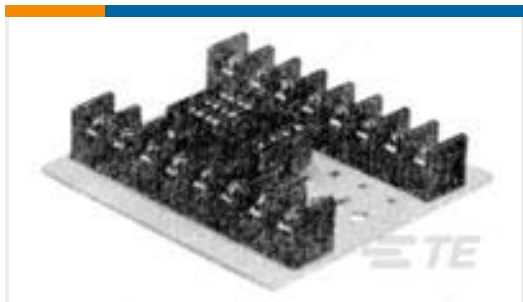
TE Part #66602-9
III+ PIN,18-14,30AU/FL,LP



TE Part #1-1393117-9
KUP-11A15-120=KU



TE Part #1393143-6
27E122=SOCKET,KRP,8,SCW,PLES



TE Part #4-1393143-5
27E462=SOCKET,R10,6POLE,TRACK-MNT,SCREW



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



TE Part #5-1393122-4
KHAU-17D12-110=KH



TE Part #1SNA114994R0700
FEM62



TE Part #1SNA116629R2200
FEM4A



TE Part #1SNA168565R0600
TGA13

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_5-1393122-8_C.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_5-1393122-8_C.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_5-1393122-8_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

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Product Specifications

[Definitions General Purpose Relays](#)

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Agency Approvals

[UL](#)

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