

KHU-17A12-120 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KHA

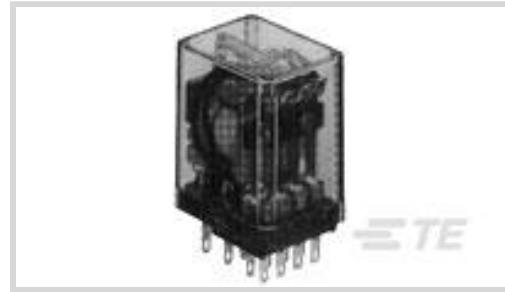
TE Internal #: 2-1393123-9

Power Relays, Industrial Panel Plug-In, Monostable, AC, 1.35 VA
Coil Power Rating AC, 3900 Ω Coil Resistance, Potter & Brumfield
KHA

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays



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

Coil Magnetic System: **Monostable, AC**

Coil Power Rating Class: **[1 – 2 VA]**

Coil Power Rating AC: **1.35 VA**

Coil Resistance: **3900 Ω**

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
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Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
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Actuating System	AC
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Insulation Initial Dielectric Between Open Contacts	1000 Vrms
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Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
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Insulation Initial Resistance	100 M Ω
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Coil Magnetic System	Monostable, AC
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	1 – 2 VA
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Coil Power Rating AC	1.35 VA
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Coil Resistance	3900 Ω
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Coil Special Features	UL Coil Insulation Class B
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Coil Voltage Rating	120 VAC
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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)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	5 A
Contact Material	AgCdO
Contact Number of Poles	4
Relay Terminal Type	Plug-In, Solder

Mechanical Attachment

Relay Mounting Type	Socket
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Height Class (Mechanical)	30 – 40 mm
Width Class (Mechanical)	20 – 25 mm
Product Width	21.8 mm[.858 in]
Product Length	28.2 mm[1.111 in]
Product Height	38.1 mm[1.5 in]

Usage Conditions

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

Packaging Features

Packaging Method	Tray
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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
EU ELV Directive 2000/53/EC	Not 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: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Cadmium oxide (10% in Component Part) <small>Article Safe Usage Statements:</small>



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, 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 # 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 # 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)

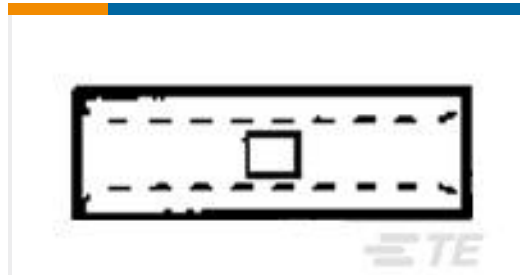


Relay Accessories, Sockets & Clips(5)

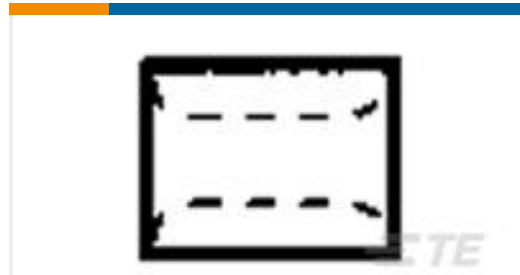
Customers Also Bought



TE Part #3-641237-5
05P MTA100 CONN ASSY RED 30AU



TE Part #322326
SPLICE,SOLIS PARA HT 22-16



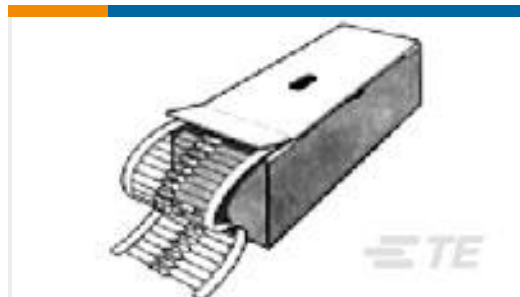
TE Part #323794
SPLICE,SOLIS PARA HR 16-14



TE Part #63824-1
250 FASTON TAB TPBR



TE Part #1393766-5
R10-E1X2-V185=R10



TE Part #1-1879927-9
EP 7W 4K7 5%



TE Part #2-1393030-0
SSRT-240A25 = PANEL MOUNT,25A,
240VAC



TE Part #3-640443-2
02P MTA100 CONN ASSY GRN



TE Part #1-1969543-8
ASSY, HDR, VERT, BOSSED, DUAL
ROW, EP2.5

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-1393123-9_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393123-9_C.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2-1393123-9_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

Product Specifications

[Definitions General Purpose Relays](#)

English