KHAU-17D18-12 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KHA

TE Internal #: 7-1393122-6

Power Relays, Industrial Panel Plug-In, Monostable, DC, 900 mW Coil Power Rating DC, 160 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, DC**

Coil Power Rating Class: **800 – 1000 mW**

Coil Power Rating DC: **900 mW**

Coil Resistance: **160 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In

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	2.5 A
Contact Limiting Short-Time Current	2.5 A
Contact Limiting Continuous Current	2.5 A
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Insulation Initial Resistance	100 MΩ
Contact Limiting Breaking Current	2.5 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	800 – 1000 mW
Coil Power Rating DC	900 mW
Coil Resistance	160 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	12 VDC

Contact Switching Load (Min)	50mA @ 12V
Contact Voltage Rating	240 VAC

Body Features

Product Weight	45 g[1.587 oz]

Contact Features

Contact Plating Material	Gold
Contact Arrangement	4 Form C (CO)
Contact Current Class	2 – 5 A, 16 A
Contact Current Rating (Max)	2.5 A
Contact Material	Ag
Contact Number of Poles	4
Relay Terminal Type	Plug-In, Solder

Mechanical Attachment

Relay Mounting Type	Socket

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	32.5 mm[1.261 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	Package

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

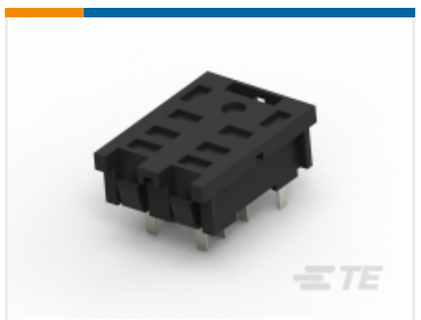
Product Compliance Disclaimer

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

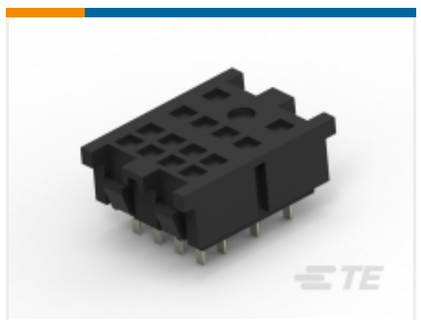
Compatible Parts

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

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

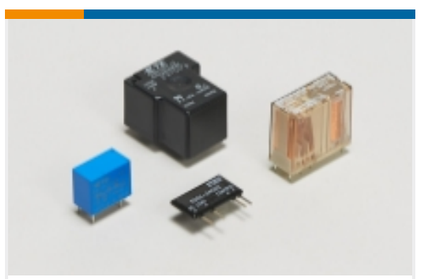


TE Part # 1419106-1
27E006=SOCKET,KH,14,SLG,G/T,PH



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

Also in the Series | Potter & Brumfield KHA



Power Relays(80)

Relay Accessories, Sockets & Clips(5)

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1393122-6_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1393122-6_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1393122-6_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, Handling, Processing, Testing and Use of Relays

English

Agency Approvals

UL

English