

KUHP-5A51-24

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 8-1393114-5

Potter & Brumfield KUHP, Power Relays, Industrial Panel Plug-In,
Monostable, AC, 2 – 3VA Coil Power Rating Class, 2.8VA Coil
Power Rating AC

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, AC**
Coil Power Rating Class: **[2 – 3 VA]**
Coil Power Rating AC: **2.8 VA**
Coil Resistance: **72 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	3500 – 4000 V
Insulation Initial Dielectric Between Contacts & Coil	3750 Vrms
Actuating System	AC
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	30 A
Contact Limiting Short-Time Current	30 A
Contact Limiting Continuous Current	30 A
Insulation Initial Dielectric Between Adjacent Contacts	3750 Vrms
Insulation Initial Resistance	100 MΩ
Contact Limiting Breaking Current	30 A
Coil Magnetic System	Monostable, AC
	2 – 3 VA
Coil Power Rating AC	2.8 VA
Coil Resistance	72 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	24 VAC



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

Body Features

Product Weight	92 g[3.245 oz]
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Contact Features

Contact Arrangement	1 Form C (CO)
Contact Current Class	16 A, 20 – 30 A
Contact Current Rating (Max)	30 A
Contact Material	AgCdO
Contact Number of Poles	1
Terminal Type	Quick Connect, Solder

Mechanical Attachment

Relay Mounting Type	Bracket, Panel Mount
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Dimensions

Length Class (Mechanical)	40 – 50 mm
Height Class (Mechanical)	30 – 40 mm
Width Class (Mechanical)	30 – 40 mm
Product Width	38.9 mm[1.531 in]
Product Length	50 mm[1.97 in]
Product Height	35.7 mm[1.405 in]

Usage Conditions

Environmental Ambient Temperature Class	0 – 50 °C
Environmental Ambient Temperature (Max)	45 °C[113 °F]
Operating Temperature Range	-45 – 45 °C

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
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: JAN 2021 (211) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
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

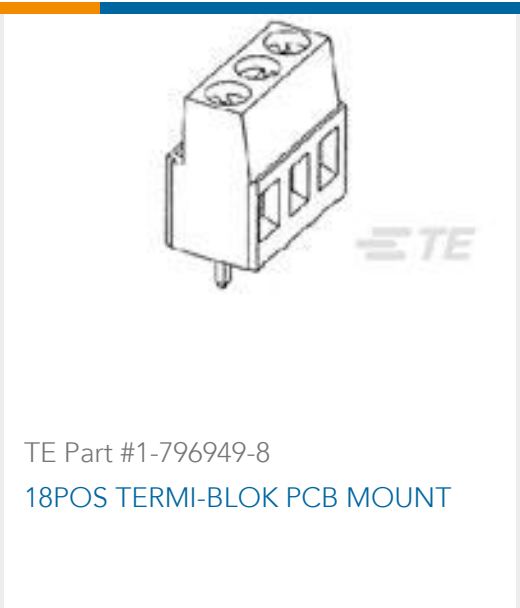
TE Part # 6-1393114-6
KUHP-11AT1-24=KU

Also in the Series | Potter & Brumfield KUHP

Power Relays(31)

Customers Also Bought



 TE Part #2310927-1 CARRIER, NARROW FABRIC, SOCKET P	 TE Part #1-1393225-9 RY611012	 TE Part #1-796949-8 18POS TERMI-BLOK PCB MOUNT	 TE Part #2331415-1 DET SW4.2X3.6X1.2 JB VERT(DW) NO AGAU RL
 TE Part #1-1622512-0 LR1 1% 523R	 TE Part #1-1423673-8 W51-A151A1-15=CKTBKR,THERM, ROC	 TE Part #YDTS26W25-04PBV001 D38999: Straight Plug, 25-04 Insert	 TE Part #1217029-1 CONTACT AMVAR 125 BLDE 020TPBR
 TE Part #1-1879749-5 LED ENCODER 12MM HORIZ SW BL /OR	 TE Part #1-1393250-7 W28-XQAT-15=W28		

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1393114-5_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1393114-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1393114-5_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

KUHP 30 Amp Power Relays

English

Industrial Relays Quick Reference Guide

English



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English