# KUHP-5A51-120 ✓ ACTIVE

### Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 8-1393114-4

General Purpose Power Relay, AC, Monostable, 1 Form C SPDT-CO, 30 A Contact Rating, 120 VAC Coil Voltage, Potter & Brumfield KUHP

View on TE.com >



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: General Purpose Power Relay

Current Type: AC

Coil Magnetic System: Monostable

Contact Arrangement: 1 Form C SPDT-CO

Contact Current Rating: 30 A

### **Features**

#### **Product Type Features**

Product Type Features	
Relay & Contactor Type	General Purpose Power Relay
Configuration Features	
Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	1 Form C SPDT-CO
Electrical Characteristics	
Contact Limiting Short-Time Current	30 A
Contact Limiting Making Current	30 A
Contact Limiting Continuous Current	30 A
Contact Limiting Breaking Current	30 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	3750 Vrms
Contact Switching Load (Min)	300mA @ 12V
Coil Resistance	1700 Ω
Coil Power Rating AC	2.9 VA
Insulation Initial Resistance	100 ΜΩ
Contact Current Rating	30 A
Coil Voltage Rating	120 VAC



Contact Voltage Rating	240 VAC
Insulation Initial Dielectric Between Contacts & Coil	3750 Vrms
Body Features	
Product Weight	92 g[3.245 oz]
Enclosure Type	Dust Protected
Contact Features	
Contact Material	Silver Cadmium Oxide
Termination Features	
Main Termination & Connection Type	Quick Connect Terminals
Coil Termination & Connection Type	Quick Connect Terminals
Mechanical Attachment	
Product Mounting Feature Type	Flange with Mounting Slots
Product Mount Type	Panel Mount
Dimensions	
Product Width	38.89 mm[1.53 in]
Product Length	73.66 mm[2.9 in]
Product Height	35.71 mm[1.4 in]
Usage Conditions	
Operating Temperature Range	-45 – 45 °C[-49 – 113 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	45 °C[113 °F]
Operation/Application	
Current Type	AC
Coil Magnetic System	Monostable
Packaging Features	
Packaging Method	Package
Other	
Contact Current Class	16 A
Environmental Ambient Temperature Class	0 – 50 °C
Height Class (Mechanical)	30 – 40 mm
Length Class (Mechanical)	40 – 50 mm



Width Class (Mechanical)	30 – 40 mm
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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 Yet Reviewed
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cadmium oxide (10% in 16753853490) 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, 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





Also in the Series | Potter & Brumfield KUHP









# Customers Also Bought



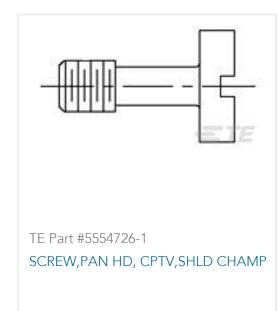


















### **Documents**

#### **CAD Files**

Customer View Model ENG\_CVM\_8-1393114-4\_0303.3d\_igs.zip

English

Customer View Model ENG\_CVM\_8-1393114-4\_0303.3d\_stp.zip

English

Customer View Model ENG\_CVM\_8-1393114-4\_0303.2d\_dxf.zip

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English

3D PDF

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

**Product Specifications** 

**Definitions General Purpose Relays** 

English

Agency Approvals

UL

English