

# KUHP-5AT1-120 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 8-1393114-1

Power Relays, Industrial Panel Plug-In, Monostable, AC, 2.9 VA Coil

Power Rating AC, 1700  $\Omega$  Coil Resistance, Potter & Brumfield KUHP

[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: **[ 2 – 3 VA ]**

Coil Power Rating AC: **2.9 VA**

Coil Resistance: **1700  $\Omega$**

## 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 M $\Omega$
Contact Limiting Breaking Current	30 A
Coil Magnetic System	Monostable, AC
Coil Power Rating Class	2 – 3 VA
Coil Power Rating AC	2.9 VA
Coil Resistance	1700 $\Omega$
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	120 VAC
Contact Switching Load (Min)	300mA @ 12V



Contact Voltage Rating 240 VAC

**Body Features**

Product Weight 92 g[3.245 oz]

**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

Relay Terminal Type Quick Connect, Solder

**Mechanical Attachment**

Relay Mounting Type Flange Mount, Panel Mount

**Dimensions**

Length Class (Mechanical) 35 – 40 mm

Width Class (Mechanical) 30 – 40 mm

Product Width 35.4 mm[1.394 in]

Product Length 38.1 mm[1.5 in]

Product Height 62.5 mm[2.461 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

**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 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 2022 (224)



Candidate List Declared Against: JAN 2022 (223)

SVHC > Threshold:

Cadmium oxide (10% 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

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

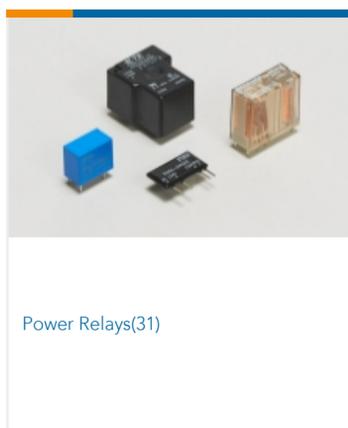
**Product Compliance Disclaimer**

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



## Documents



### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1393114-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1393114-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1393114-1\\_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

### Product Specifications

#### Definitions, Handling, Processing, Testing and Use of Relays

English