

KUHP-5AT1-120 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 8-1393114-1

General Purpose Power Relay, Monostable, 2.9 VA Coil Power Rating AC, 1700 ohm Coil Resistance, Potter & Brumfield KUHP, Power Relays

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Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating Class: **[2 – 3 VA]**

Coil Power Rating AC: **2.9 VA**

Coil Resistance: **1700 Ω**

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	1 Form C SPDT-CO
Contact Number of Poles	1

Electrical Characteristics

Contact Limiting Short-Time Current	30 A
Contact Limiting Continuous Current	30 A
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	30 A
Insulation Initial Dielectric Between Adjacent Contacts	3750 Vrms
Insulation Initial Dielectric Between Contacts & Coil	3750 Vrms
Insulation Initial Resistance	100 MΩ
Contact Limiting Breaking Current	30 A
Coil Power Rating AC	2.9 VA
Coil Resistance	1700 Ω
Coil Voltage Rating	120 VAC
Contact Current Rating	30 A



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

Product Weight	92 g[3.245 oz]
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Contact Features

Contact Material	AgCdO
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Termination Features

Relay Connection Type	Plug-In
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Terminal Configuration	Quick Connect Terminals
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Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Slots
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Product Mount Type	Panel
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Dimensions

Product Width	38.89 mm[1.53 in]
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Product Length	73.66 mm[2.9 in]
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Product Height	35.71 mm[1.4 in]
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Usage Conditions

Environmental Category of Protection	RTI
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Environmental Ambient Temperature (Max)	45 °C[113 °F]
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Operating Temperature Range	-45 – 45 °C
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Operation/Application

Current Type	AC
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Coil Magnetic System	Monostable
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Packaging Features

Packaging Method	Package
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Other

Length Class (Mechanical)	35 – 40 mm
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Environmental Ambient Temperature Class	0 – 50 °C
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Width Class (Mechanical)	30 – 40 mm
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	2 – 3 VA
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Contact Current Class	16 A
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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	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JAN 2023 (233)</p> <p>SVHC > Threshold:</p> <p>Cadmium oxide (10% in Component Part)</p> <p>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.</p>
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](#)



Power Relays(19)

Customers Also Bought



TE Part #211398-2
CPC RECPT. SIZE 13-7



TE Part #HDP26-24-21SE
DEUTSCH HDP20 Housings



TE Part #1217151-1
187 FASTON, PIGGYBACK REC., 18-14 AWG, TPBR



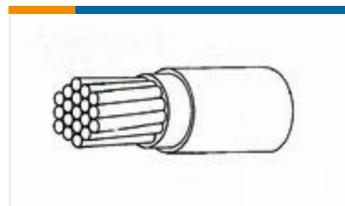
TE Part #4-1393117-5
KUP-11D15-24=KU



TE Part #DT06-4S
PLG, 4P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #218204-001
22759/34-20-9

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 General Purpose Relays

English

Agency Approvals

UL

English