

KUHP-11DT1-12 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 7-1393114-2

Power Relays, Industrial Panel Plug-In, Monostable, DC, 1200 mW

Coil Power Rating DC, 120 Ω 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, DC**

Coil Power Rating DC: **1200 mW**

Coil Resistance: **120 Ω**

Coil Special Features: **UL Coil Insulation Class B**

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	DC
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	20 A
Contact Limiting Short-Time Current	20 A
Contact Limiting Continuous Current	20 A
Coil Power Rating Class	1000 – 1500 mW
Insulation Initial Dielectric Between Adjacent Contacts	3750 Vrms
Insulation Initial Resistance	100 M Ω
Contact Limiting Breaking Current	20 A
Coil Magnetic System	Monostable, DC
Coil Power Rating DC	1200 mW
Coil Resistance	120 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	12 VDC



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 Arrangement	2 Form C (CO)
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Contact Current Class	10 – 20 A, 16 A
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Contact Current Rating (Max)	20 A
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Contact Material	AgCdO
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Contact Number of Poles	2
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Relay Terminal Type	Quick Connect, Solder
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Mechanical Attachment

Relay Mounting Type	Flange Mount, Panel Mount
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Dimensions

Length Class (Mechanical)	35 – 40 mm
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Width Class (Mechanical)	30 – 40 mm
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Product Width	35.4 mm[1.394 in]
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Product Length	38.1 mm[1.5 in]
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Product Height	62.5 mm[2.461 in]
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Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
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Environmental Ambient Temperature (Max)	70 °C[158 °F]
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Operating Temperature Range	-45 – 70 °C
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUNE 2023
 (235)

Candidate List Declared Against: JAN 2023
 (233)

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

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not applicable for solder process capability

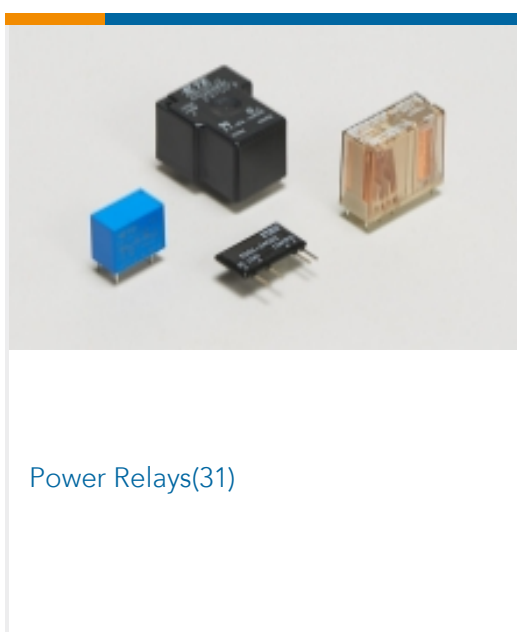
Product Compliance Disclaimer

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>

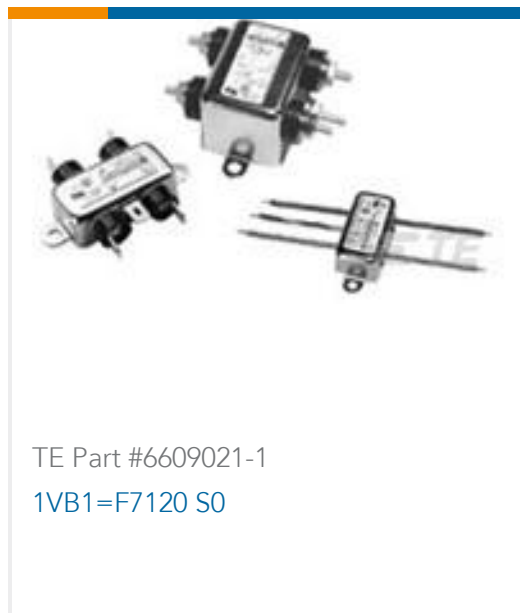
Compatible Parts



Also in the Series | Potter & Brumfield KUHP



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_7-1393114-2_0303.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_7-1393114-2_0303.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_7-1393114-2_0303.2d_dxf.zip](#)

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