KUH-7D47-12 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KUHP

TE Internal #: 6-1393114-2

Potter & Brumfield KUHP, Power Relays, Industrial Panel Plug-In, Monostable, DC, 1000 – 1500mW Coil Power Rating Class, 1200mW Coil Power Rating DC

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 Class: **1000 – 1500 mW**

Coil Power Rating DC: **1200 mW**

Coil Resistance: **120 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In

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
Insulation Initial Dielectric Between Adjacent Contacts	3750 Vrms
Insulation Initial Resistance	100 MΩ
Contact Limiting Breaking Current	20 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	1000 – 1500 mW
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
Contact Voltage Rating	240 VAC

Body Features

Product Weight	92 g[3.245 oz]

Contact Features

Contact Arrangement	2 Form A (NO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	20 A
Contact Material	AgCdO
Contact Number of Poles	2
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board, Tapped Core

Dimensions

Length Class (Mechanical)	30 – 40 mm
Height Class (Mechanical)	40 – 50 mm
Width Class (Mechanical)	30 – 40 mm
Product Width	35.7 mm[1.41 in]
Product Length	38.9 mm[1.53 in]
Product Height	48.4 mm[1.91 in]

Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-45 – 70 °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	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: DEC 2012 (138) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 240°C

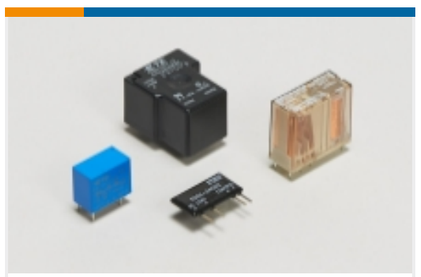
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 5-1423996-4
KUHP-11D17-12=RELAY,2C,AGCDO,
PCB,DUST

Also in the Series | Potter & Brumfield KUHP



Power Relays(31)

Customers Also Bought

TE Part #DTT-20-03
CRIMP TOOL

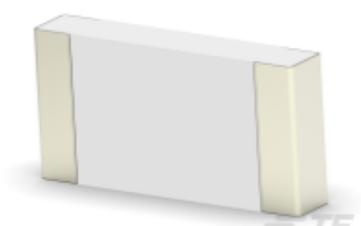
TE Part #1011-232-0305
DEUTSCH DT BACKSHELLS

TE Part #2-1564532-1
HEAVY DUTY SEALED CONNECTOR HOUSINGS

TE Part #K1007153
Toggle Switch 1-Pole, Sealed, Lever, Toggle, Plastic Lever

TE Part #YHDP26-24-35PEL017
DEUTSCH HDP20 HOUSINGS

TE Part #834936-000
Medium-Wall Heat Shrink Tubing



TE Part #2-2176245-2
CRGS1206 5% 56R

TE Part #K1002956
Toggle Switch 08-4-1-13

TE Part #160668-6
TERMINAL

TE Part #HDP24-24-16SE-L015
REC, 16P, BLK, E, THD, 12, S

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_6-1393114-2_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_6-1393114-2_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_6-1393114-2_B.3d_stp.zip

English

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