

KU-14A31-240

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUP

TE Internal #: 9-1393109-8

Potter & Brumfield KUP, Power Relays, Industrial Panel Plug-In,
Monostable, AC, 2 – 3VA Coil Power Rating Class, 3VA Coil Power
Rating AC

[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: **3 VA**

Coil Resistance: **7200 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	1500 – 2500 V
Insulation Initial Dielectric Between Contacts & Coil	2200 Vrms
Actuating System	AC
Insulation Initial Dielectric Between Open Contacts	1200 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Initial Dielectric Between Adjacent Contacts	2200 Vrms
Insulation Initial Resistance	100 MΩ
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, AC
	2 – 3 VA
Coil Power Rating AC	3 VA
Coil Resistance	7200 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	240 VAC



Contact Switching Load (Min)	100mA @ 12V
Contact Voltage Rating	240 VAC

Body Features

Product Weight	85 g[2.988 oz]
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Contact Features

Contact Arrangement	3 Form C (CO)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	5 A
Contact Material	Ag
Contact Number of Poles	3
Terminal Type	Quick Connect, Solder

Mechanical Attachment

Relay Mounting Type	Panel Mount, Tapped Core
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Dimensions

Length Class (Mechanical)	55 – 65 mm
Height Class (Mechanical)	30 – 40 mm
Width Class (Mechanical)	30 – 40 mm
Product Width	37.3 mm[1.468 in]
Product Length	60 mm[2.43 in]
Product Height	35.6 mm[1.402 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
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

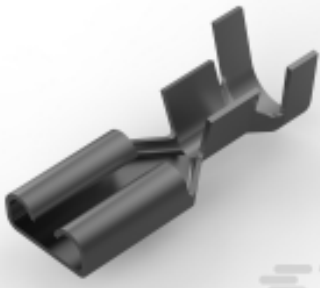


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

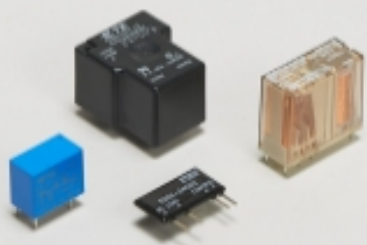
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

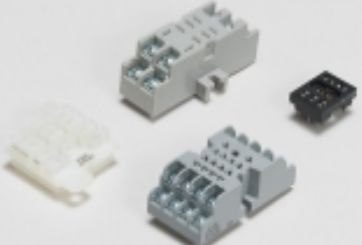


TE Part # 281197-2
FF 187 REC 1.0-2.5MM2 PTBR

Also in the Series | Potter & Brumfield KUP



Power Relays(155)



Relay Accessories, Sockets & Clips(12)

Customers Also Bought



TE Part #6609027-5
CORCOM K SERIES SINGLE PHASE FILTERS



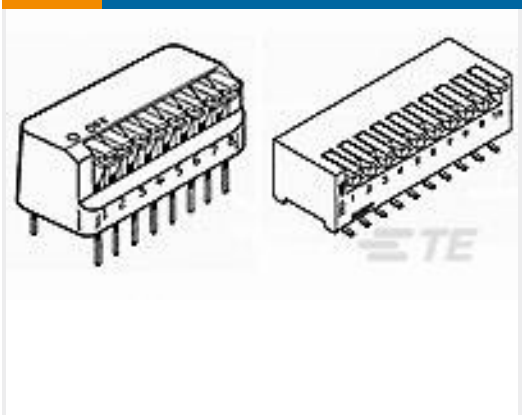
TE Part #2-1879011-3
SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part #2-84953-2
1MM FPC HORZ.TOP CONT.ASSY 22P



TE Part #1393771-7
JWD-171-10=REED RELAYS



TE Part #2-5435802-2
RIGHT ANGLE DIP SW 12 P SEALED



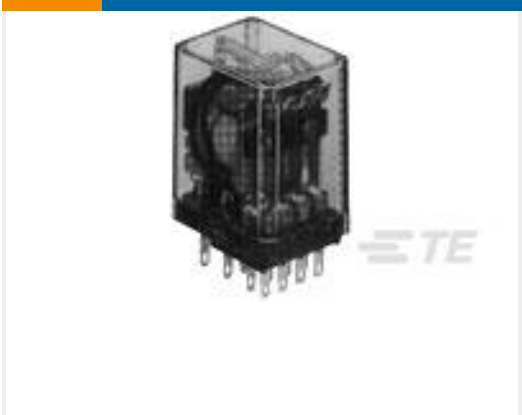
TE Part #5-861610-2
LGH, HIGH VOLTAGE PLUG



TE Part #1658528-5
636-2641LF FEM SOCKET,LEAD FREE



TE Part #2-1734248-2
1.0 FPC, ZIF V/T, SMT, 22P



TE Part #4-1393122-6
KHAU-17D11-5=KH



TE Part #2-1393115-1
KUIP-5A55-240=KU

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1393109-8_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1393109-8_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1393109-8_D.3d_stp.zip

English

Datasheets & Catalog Pages

KU KUP Enclosed Relay

English

Industrial Relays Quick Reference Guide

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English