

K10P-11A55-24

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield K10

TE Internal #: 4-1393144-7

Power Relays, Industrial Panel Plug-In, Monostable, AC, 1.25 VA
Coil Power Rating AC, 160 Ω Coil Resistance, Potter & Brumfield
K10

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, AC**
Coil Power Rating Class: **[1 – 2 VA]**
Coil Power Rating AC: **1.25 VA**
Coil Resistance: **160 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	1000 – 1500 V
Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
Actuating System	AC
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	15 A
Contact Limiting Short-Time Current	15 A
Contact Limiting Continuous Current	15 A
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Insulation Initial Resistance	1000 MΩ
Contact Limiting Breaking Current	15 A
Coil Magnetic System	Monostable, AC
	1 – 2 VA
Coil Power Rating AC	1.25 VA
Coil Resistance	160 Ω
Coil Special Features	UL Coil Insulation Class B
Coil Voltage Rating	24 VAC



Contact Switching Load (Min)	300mA @ 12V
Contact Voltage Rating	120 VAC

Body Features

Product Weight	51 g[1.799 oz]
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Contact Features

Contact Arrangement	2 Form C (CO)
Contact Current Class	10 – 20 A, 16 A
Contact Current Rating (Max)	15 A
Contact Material	AgCdO
Contact Number of Poles	2
Relay Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	25 – 30 mm
Height Class (Mechanical)	30 – 40 mm
Width Class (Mechanical)	20 – 25 mm
Product Width	21.8 mm[.858 in]
Product Length	28.2 mm[1.111 in]
Product Height	35.56 mm[1.4 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-45 – 70 °C

Packaging Features

Packaging Method	Box & Tray, 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
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: JUNE 2023 (235)
Candidate List Declared Against: JUNE 2022 (224)
SVHC > Threshold:
Cadmium oxide (7.95% 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 Yet Reviewed for halogen content

Solder Process Capability

Wave solder capable to 260°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 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 # 3-1393144-5
K10P-11AT5-24=K10/K20



TE Part # 4-1393144-1
K10P-11A15-24=K10/K20

Also in the Series | Potter & Brumfield K10



Power Relays(27)



Relay Accessories, Sockets & Clips(3)

Customers Also Bought



Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1393144-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1393144-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1393144-7_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

K10 Series Miniature Relay

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

English