

K10P-11A15-120

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield K10

TE Internal #: 4-1393144-0

Power Relays, Industrial Panel Plug-In, Monostable, AC, 1.35 VA  
Coil Power Rating AC, 3900 Ω Coil Resistance, Potter & Brumfield K10

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Relays & Contactors > Relays > Power Relays



Relay Type: **Industrial Panel Plug-In**  
Coil Magnetic System: **Monostable, AC**  
Coil Power Rating Class: **[ 1 – 2 VA ]**  
Coil Power Rating AC: **1.35 VA**  
Coil Resistance: **3900 Ω**

Features

Product Type Features

Relay Type	Industrial Panel Plug-In
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Configuration Features

Coil Special Features	UL Coil Insulation Class B
Contact Arrangement	2 Form C (CO)
Contact Number of Poles	2

Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	10 A
Contact Limiting Short-Time Current	10 A
Contact Limiting Continuous Current	10 A
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Insulation Initial Resistance	1000 MΩ
Contact Limiting Breaking Current	10 A
Coil Power Rating AC	1.35 VA
Coil Resistance	3900 Ω
Coil Voltage Rating	120 VAC
Contact Current Rating	15 A



Contact Switching Load (Min)	300mA @ 12V
Contact Voltage Rating	120 VAC
Body Features	
Product Weight	51 g[1.799 oz]
Contact Features	
Contact Material	AgCdO
Termination Features	
Relay Connection Type	Terminals
Terminal Configuration	Quick Connect Terminals
Mechanical Attachment	
Product Mount Type	Socket
Dimensions	
Product Width	21.84 mm[.859 in]
Product Length	28.17 mm[1.1 in]
Product Height	34.98 mm[1.37 in]
Usage Conditions	
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-45 – 70 °C
Operation/Application	
Actuating System	AC
Coil Magnetic System	Monostable, AC
Packaging Features	
Packaging Method	Tray
Other	
Length Class (Mechanical)	25 – 30 mm
Insulation Initial Dielectric Between Coil & Contact Class	1000 – 1500 V
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	30 – 40 mm
Width Class (Mechanical)	20 – 25 mm
	1 – 2 VA
Contact Current Class	16 A



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 2024 (240) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Cadmium oxide (5.1% in Component Part) <b>Article Safe Usage Statements:</b> 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	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

 <p>TE Part # 2-1419106-1 27E489=SOCKET,K10,8,PCB,NYL</p>	 <p>TE Part # 1-1419106-9 27E487=SOCKET,K10,8,SCW,PHEN,G</p>	 <p>TE Part # 2-1419106-7 27E895=SOCKET,K10,8,QC,POLY,NA</p>	 <p>TE Part # 3-1393144-3 K10P-11AT5-120=K10/K20</p>
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TE Part # 2-1419106-0  
27E488=SOCKET,K10,8,QC.187,NYL

Also in the Series

Potter & Brumfield K10

Power Relays(27)

Relay Accessories, Sockets & Clips(3)

Customers Also Bought

TE Part #9-1415018-1  
SR6A4110 - V23050-A1110-A533

TE Part #1419111-2  
20C217=SPRING,HOLD-DOWN,KH,.03

TE Part #1604001-5  
120A SGL POLE HSG SUBASY,RED

TE Part #796683-3  
TERMI-BLOK PCB MOUNT 90 3P.

TE Part #4-1393144-2  
K10P-11A15-240=K10/K20

TE Part #5-1393144-9  
K10P-11D15-48=K10/K20

TE Part #6-1393116-2  
KUMP-11A18-120=KU

TE Part #1SNA233161R2200  
RC610 L (X100) HORIZONTAL

TE Part #5-1393159-1  
20C426=SPRING,HOLD-DOWN,K10,.0

TE Part #2-1419106-0  
27E488=SOCKET,K10,8,QC.187,NYL



Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_4-1393144-0\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1393144-0\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1393144-0\_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