

K10P-11A15-6

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield K10

TE Internal #: 4-1393144-4

General Purpose Power Relay, AC, Monostable, 2 Form C DPDT-CO, 15 A Contact Rating, 6 VAC Coil Voltage, Potter & Brumfield K10

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Current Type: **AC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **15 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

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

Electrical Characteristics

Contact Limiting Short-Time Current	10 A
Contact Limiting Making Current	10 A
Contact Limiting Continuous Current	10 A
Contact Limiting Breaking Current	10 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1500 Vrms
Contact Switching Load (Min)	300mA @ 12V
Coil Resistance	11 Ω
Coil Power Rating AC	1.2 VA
Insulation Initial Resistance	1000 MΩ
Contact Current Rating	15 A
Coil Voltage Rating	6 VAC



Contact Voltage Rating	120 VAC
Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms

Body Features

Product Weight	51 g[1.799 oz]
Enclosure Type	Dust Protected

Contact Features

Contact Material	Silver Cadmium Oxide
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Termination Features

Main Termination & Connection Type	Quick Connect Terminals
Coil Termination & Connection Type	Quick Connect Terminals

Mechanical Attachment

Product Mount Type	Panel & Socket Mount
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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

Operating Temperature Range	-45 – 70 °C[-49 – 158 °F]
Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	70 °C[158 °F]

Operation/Application

Current Type	AC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Tray
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Other

Contact Current Class	16 A
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	30 – 40 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm



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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Cd (7.5% 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



TE Part # 1-1419106-9  
27E487=SOCKET,K10,8,SCW,PHEN,  
SURF-MNT



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



TE Part # 2-1419106-7  
27E895=SOCKET,K10,8,QC,POLY,  
DINRAIL



TE Part # 2-1419106-1  
27E489=SOCKET,K10,8,PCB,NYL

Also in the Series | [Potter & Brumfield K10](#)



AC Relays(7)

DC Relays(11)

Electromechanical Relays(18)

Plug-In Relays(14)

Relay Accessories(3)

Customers Also Bought

TE Part #2-1419106-7  
27E895=SOCKET,K10,8,OC,POLY, DINRAIL

TE Part #1-1630027-1  
HSC300 330R 5%

TE Part #2-1419106-1  
27E489=SOCKET,K10,8,PCB,NYL

TE Part #292161-2  
CT P/HDR ASSY V 2P W/KINK NAT

TE Part #ANT-916-OC-LG-RPS  
Antenna Whip Coil 916MHz Swivel RPS

TE Part #6-1879350-5  
RR01 5% 100R AMMO

TE Part #5-1393252-5  
W67-X2Q12-10=M6/M7/M9/W6/W7

TE Part #4-1393144-0  
K10P-11A15-120=K10/K20

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

TE Part #2027037-1  
84-004=W67, TOGGLE GUARD, 1 POLE

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-1393144-4\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1393144-4\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-1393144-4\_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