

K10P-11D15-24

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield K10

TE Internal #: 5-1393144-7

Power Relays, Industrial Panel Plug-In, Monostable, 900 mW Coil

Power Rating DC, 650 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**
Coil Power Rating DC: **900 mW**
Coil Resistance: **650 Ω**
Coil Special Features: **UL Coil Insulation Class B**

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 M Ω
Contact Limiting Breaking Current	10 A
Coil Power Rating DC	900 mW
Coil Resistance	650 Ω
Coil Voltage Rating	24 VDC
Contact Current Rating	15 A
Contact Switching Load (Min)	300mA @ 12V



Contact Voltage Rating	120 VAC
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Body Features

Product Weight	51 g[1.799 oz]
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Contact Features

Contact Material	AgCdO
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Termination Features

Relay Connection Type	Plug-In
Terminal Configuration	Quick Connect Terminals

Mechanical Attachment

Product Mount Type	Socket
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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

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

Operation/Application

Actuating System	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Tray
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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
Coil Power Rating Class	800 - 1000 mW
Width Class (Mechanical)	20 - 25 mm
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	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: JAN 2023 (233) SVHC > Threshold: Cadmium oxide (10% in Component) DBMC (.5% in Component) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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

 <div>TE Part # 2-1419106-1 27E489=SOCKET,K10,8,PCB,NYL</div>	 <div>TE Part # 6-1393144-8 K10P-11D55-24=K10/K20</div>	 <div>TE Part # 1-1419106-9 27E487=SOCKET,K10,8,SCW,PHEN,G</div>	 <div>TE Part # 2-1419106-7 27E895=SOCKET,K10,8,QC,POLY,NA</div>
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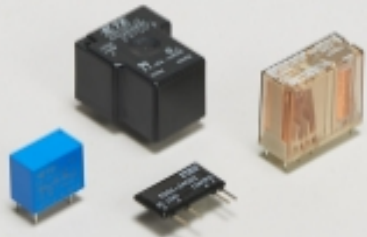


TE Part # 5-1393144-1
K10P-11DT5-24=K10/K20

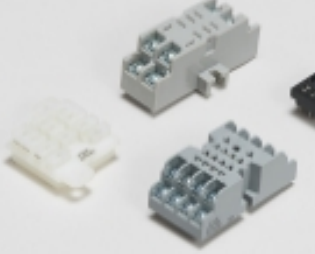
TE Part # 2-1419106-0
27E488=SOCKET,K10,8,QC.187,NYL

Also in the Series

Potter & Brumfield K10



Power Relays(27)



Relay Accessories, Sockets & Clips(3)

Customers Also Bought



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



TE Part # 2-1393143-5
27E213=SOCKET,R10,16,PC,PHEN



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



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



TE Part # 1-1393766-3
R10-E1X4-V15.0K=R10



TE Part # 2-2329388-5
PB OFF/ON FC BLU M1 TERM BLU
LED IP68 50



TE Part # 3-640622-4
04P MTA100 CONN ASSY F/T BLU



TE Part # K1021595
Relay 26-71-04



TE Part # 2454982-2
ADE Next Gen 03 Pos. THT TU

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



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_5-1393144-7_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1393144-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1393144-7_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