

K10P-11AT5-24

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield K10

TE Internal #: 3-1393144-5

General Purpose Power Relay, Monostable, 1.25 VA Coil Power Rating AC, 160 ohm Coil Resistance, Potter & Brumfield K10, Power Relays

[View on TE.com >](#)



Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating Class: **[1 – 2 VA]**

Coil Power Rating AC: **1.25 VA**

Coil Resistance: **160 Ω**

Features

Product Type Features

| | |
|------------|-----------------------------|
| Relay Type | General Purpose Power Relay |
|------------|-----------------------------|

Configuration Features

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

Electrical Characteristics

| | |
|---|-----------|
| 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 Dielectric Between Contacts & Coil | 1500 Vrms |
| Insulation Initial Resistance | 1000 MΩ |
| Contact Limiting Breaking Current | 15 A |
| Coil Power Rating AC | 1.25 VA |
| Coil Resistance | 160 Ω |
| Coil Voltage Rating | 24 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 | Plug-In |
| Terminal Configuration | Quick Connect Terminals |
| Mechanical Attachment | |
| Product Mounting Feature Type | Flange with Mounting Slots |
| Product Mount Type | Panel |
| Dimensions | |
| Product Width | 21.69 mm[.853 in] |
| Product Length | 43.69 mm[1.72 in] |
| Product Height | 42.73 mm[1.68 in] |
| Usage Conditions | |
| Environmental Category of Protection | RTI |
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Operating Temperature Range | -45 – 70 °C |
| Operation/Application | |
| Current Type | AC |
| Coil Magnetic System | Monostable |
| Packaging Features | |
| Packaging Method | Package |
| Other | |
| Length Class (Mechanical) | 25 – 30 mm |
| Environmental Ambient Temperature Class | 50 – 70 °C |
| Height Class (Mechanical) | 40 – 50 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: JUNE 2024 (241) 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 | Not applicable for solder process capability |

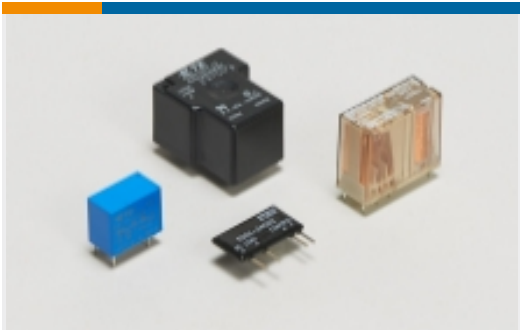
Product Compliance Disclaimer

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 # 4-1393144-1 K10P-11A15-24=K10/K20</div> |  <div>TE Part # 3-1393144-1 K10P-11AT1-24=K10/K20</div> |  <div>TE Part # 4-1393144-7 K10P-11A55-24=K10/K20</div> |
|--|--|--|

Also in the Series | **Potter & Brumfield K10**

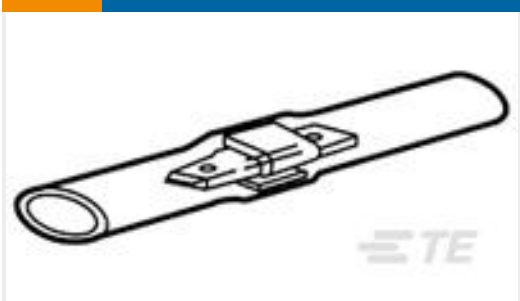


Power Relays(18)



Relay Accessories(3)

Customers Also Bought



TE Part #321235
RECEPT, FASTON SPLICE 22-10



TE Part #5745782-2
15 MSFL RCPT RA 318 (FM)



TE Part #5747236-4
15 MSFL PLUG RA 318 (IN,FM)



TE Part #52955-2
TERMINAL,PG SPR SPD 16-14 6



TE Part #4-1825136-4
A101SYCB04



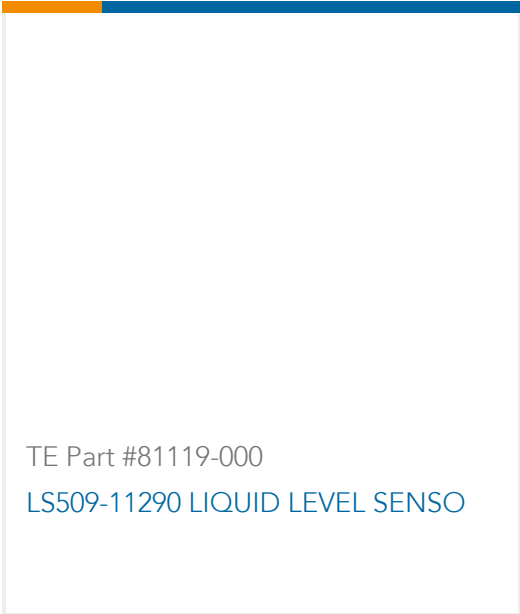
TE Part #1437624-3
PK1100B1/4=KNOB PLASTIC BLK CO



TE Part #2-1625892-8
3W SM M/OX 5% 20K



TE Part #320568
TERMINAL,PIDG R 12-10 8



TE Part #81119-000
LS509-11290 LIQUID LEVEL SENSO

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_3-1393144-5_B.2d_dxf.zip
- English
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_3-1393144-5_B.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_3-1393144-5_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