

K10P-11AT5-24 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield K10

TE Internal #: 3-1393144-5

General Purpose Power Relay, AC, Monostable, 2 Form C DPDT-CO, 15 A Contact Rating, 24 VAC Coil Voltage, Potter & Brumfield K10

[View on TE.com >](#)



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

Contact Features

Contact Material	Silver Cadmium Oxide
------------------	----------------------

Dimensions

Product Width	21.69 mm[.853 in]
Product Length	43.69 mm[1.72 in]
Product Height	42.73 mm[1.68 in]

Packaging Features

Packaging Method	Package
------------------	---------

Other

	1 – 2 VA
Contact Current Class	16 A
Environmental Ambient Temperature Class	50 – 70 °C
Height Class (Mechanical)	40 – 50 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	20 – 25 mm
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Not Compliant

Usage Conditions

Operating Temperature Range	-45 – 70 °C[-49 – 158 °F]
-----------------------------	---------------------------

Environmental Category of Protection	RTI
--------------------------------------	-----

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

Body Features

Product Weight	51 g[1.799 oz]
----------------	----------------

Enclosure Type	Dust Protected
----------------	----------------

Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Slots
-------------------------------	----------------------------

Product Mount Type	Panel & Socket Mount
--------------------	----------------------

Electrical Characteristics

Contact Limiting Short-Time Current	15 A
-------------------------------------	------

Contact Limiting Making Current	15 A
---------------------------------	------

Contact Limiting Continuous Current	15 A
-------------------------------------	------

Contact Limiting Breaking Current	15 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	160 Ω
-----------------	-------

Coil Power Rating AC	1.25 VA
----------------------	---------

Insulation Initial Resistance	1000 MΩ
-------------------------------	---------

Contact Current Rating	15 A
------------------------	------

Coil Voltage Rating	24 VAC
---------------------	--------

Contact Voltage Rating	120 VAC
------------------------	---------

Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
---	-----------

Configuration Features

Contact Number of Poles	2
-------------------------	---

Coil Special Features	UL Coil Insulation Class B
-----------------------	----------------------------

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

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
------------------------	-----------------------------

Operation/Application

Current Type	AC
--------------	----

Coil Magnetic System	Monostable
----------------------	------------



Termination Features

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

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 2024 (241) SVHC > Threshold: Cadmium oxide (7.5% 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>

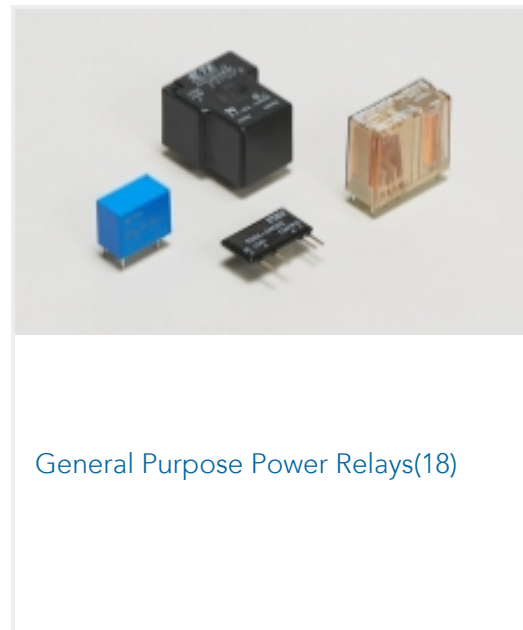
Compatible Parts

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

Also in the Series | Potter & Brumfield K10



DC Relays(11)



General Purpose Power Relays(18)



PCB Relays(4)



Plug-In Relays(14)

Customers Also Bought



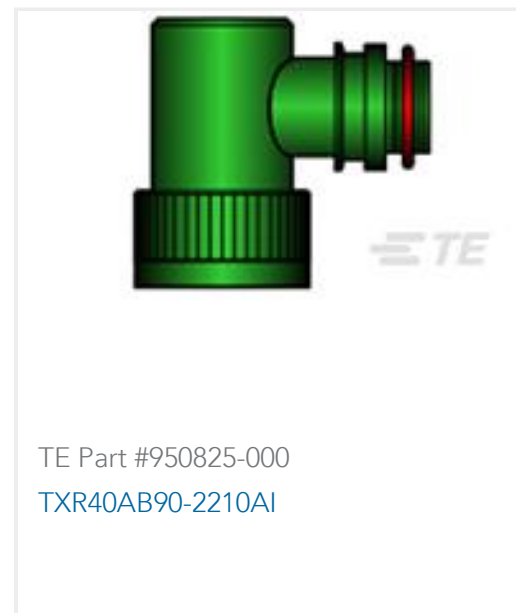
TE Part #2377130-7
EP II plug housing, 7P, NON-GWT



TE Part #3-1393144-3
K10P-11AT5-120=K10/K20



TE Part #1393127-9
PRD-11AG0-120=PRD



TE Part #950825-000
TXR40AB90-2210AI



TE Part #2-1415529-1
PT320615



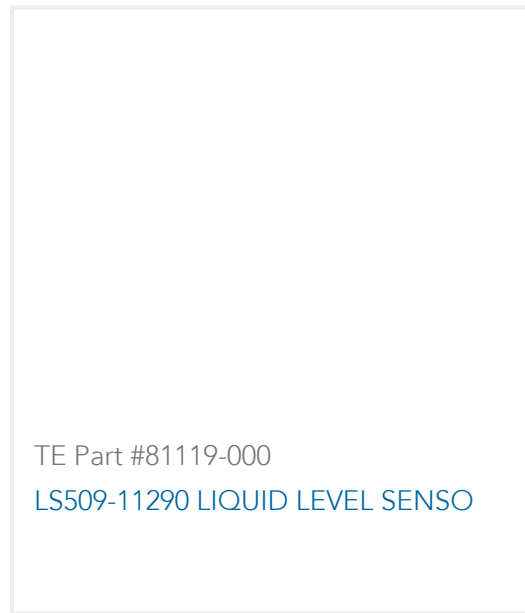
TE Part #9-1393104-0
KRPA-14DN-24=KRPA



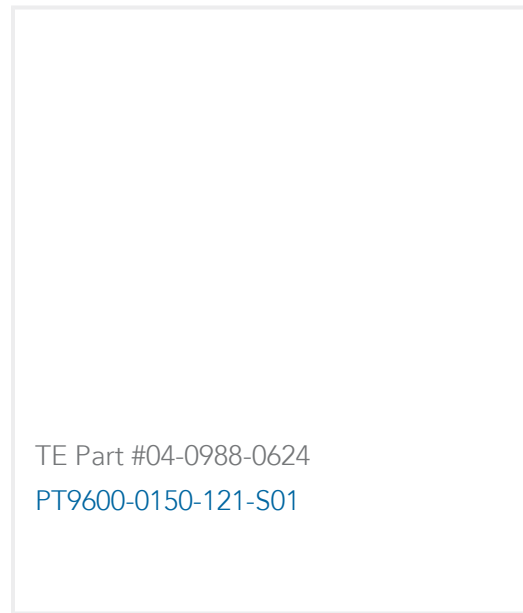
TE Part #1-1649341-7
T9CP5A54-24



TE Part #2-1393766-9
R10-E1Y1-SS1.0K=R10



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



TE Part #04-0988-0624
PT9600-0150-121-S01

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