



Kilovac | Kilovac EV200

TE Internal #: 1618002-3

High Voltage Relays, 12 – 900VDC Contact Voltage Rating, 1 Form X, SPST-NO, Flying Leads, Stud Terminals, External Economizer, Kilovac EV200

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Relays, Contactors & Switches > Relays > High Voltage Relays



Contact Voltage Rating: **12 – 900 VDC**

High Voltage Relay Contact Arrangement: **1 Form X, SPST-NO**

High Voltage Connection (Coil): **Flying Leads**

High Voltage Connection (Power): **Stud Terminals**

Economizer: **External**

### Features

#### Product Type Features

RF Rated	No
Product Type	Relay
Relay Type	High Voltage

#### Configuration Features

Economizer	External
Power Switching	Yes

#### Electrical Characteristics

Contact Voltage Rating	12 – 900 VDC
High Voltage Relay Voltage (Max)	900 VDC
High Voltage Relay Coil Voltage Rating	32 – 95 VDC
High Voltage Relay Coil Resistance	40 Ω
High Voltage Relay Contact Switching Voltage (Max)	900

#### Contact Features

High Voltage Relay Contact Arrangement	1 Form X, SPST-NO
Auxiliary Contacts	Without
High Voltage Relay Contact Current Rating	500 A
Contact Base Material	Copper

#### Termination Features



High Voltage Connection (Coil)	Flying Leads
High Voltage Connection (Power)	Stud Terminals
Termination Style	Stud Terminals

### Mechanical Attachment

High Voltage Relay Mounting Type	Bottom
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Hand solderable with lead free solder

#### 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 # 4-1618391-2  
LEV100A6ANH=RELAY,SPST-NO,  
48VDC VMT 15

## Also in the Series | Kilovac EV200



DC Contactors(1)

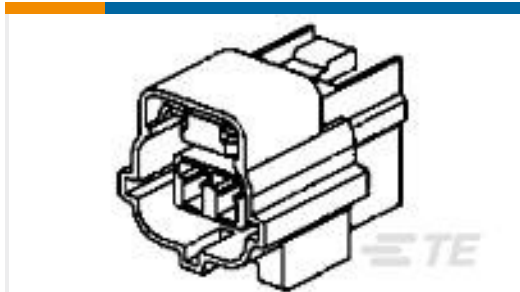


Definite Purpose Contactors(1)

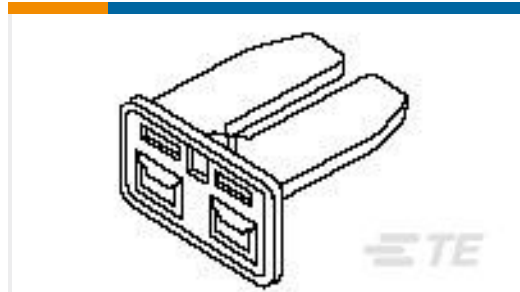


High Voltage Relays(17)

## Customers Also Bought



TE Part #174352-2  
070 ECONOSEAL MARK-2 PLUG 2P



TE Part #174353-7  
070 ECONOSEAL MARK-2 PLATE 2P



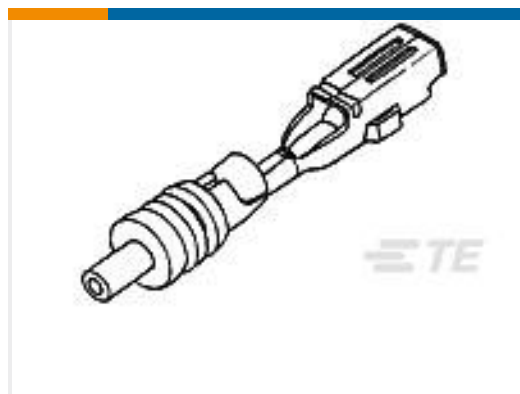
TE Part #828922-2  
CAVITY PLUG 2,5MM S



TE Part #1423673-6  
W51-A121B1-15=CKTBKR,THERM,ROC



TE Part #1703013-1  
ROUND CONNECTOR SYSTEM, PIN  
AND SOCKET



TE Part #171662-1  
E-J MK-2 070 REC CONT



TE Part #2-1719434-1  
4 POS DIA 2.5 SOCKET CONNECTOR



TE Part #7-1393304-1  
V23134M1052C642-EV-CBOX



TE Part #962999-1



## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1618002-3\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1618002-3\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1618002-3\\_F.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[5-1773450-5\\_sec7\\_EV200A](#)

English