



Relays & Contactors > Relays > High Voltage Relays



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

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

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

Economizer: **Internal**

Auxiliary Contacts: **Without**

Features

Product Type Features

| | |
|--------------|--------------|
| RF Rated | No |
| Product Type | Relay |
| Relay Type | High Voltage |

Configuration Features

| | |
|-----------------|----------|
| Economizer | Internal |
| Power Switching | Yes |

Electrical Characteristics

| | |
|--|---------------|
| High Voltage Relay Voltage (Max) | 900 VDC |
| High Voltage Relay Coil Voltage Rating | 9 – 36 VDC |
| High Voltage Relay Coil Resistance | 3.14 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 |
|----------------------------------|--------|

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 # 2-1618002-3
EV250-1B=RELAY, SPST-NO



TE Part # 4-1618002-9
EV500-5B=RELAY, PRESSURIZED, S



TE Part # 2-1618002-2
EV250-1A=RELAY, SPST-NO



TE Part # 5-1618413-0
EV600HVANM = CONTACTOR, SPST-NO 12V COIL



TE Part # 4-1618002-5
EV500-4B=RELAY, PRESSURIZED, S



TE Part # 2-1618002-4
EV250-2A=RELAY, 12VDC SPST-NO



TE Part # 6-1618006-6
AP150XB57=RELAY, VACUUM, SPST-



TE Part # 2-1618013-6
PD350XB57=RELAY, PRESSURIZED,



TE Part # 2-1618002-6
EV250-2B=RELAY, 24VDC SPST-NO



TE Part # 1618002-1
EV200A1ANA=RELAY, UN-ECON EV200



TE Part # 1618002-5
EV200AAACA=RELAY, EV200 SPST-N



TE Part # 1-1618007-5
AP350XB57=RELAY, PRESSURIZED,



TE Part # 4-1618002-4
EV500-4A=RELAY, PRESSURIZED, S



TE Part # 4-1618002-8
EV500-5A=RELAY, PRESSURIZED, S



TE Part # 1-1618013-3
PD150XA57=RELAY, VACUUM, SPST-



TE Part # 1-1618013-4
PD150XB57=RELAY, VACUUM, SPST-



TE Part # 7-1618013-2
PD90XA57=RELAY, VACUUM, SPST-N



TE Part # 7-1618013-3
PD90XB57=RELAY, VACUUM, SPST-N



TE Part # 7-1618013-4
PD90XC57=RELAY, VACUUM, SPST-N

Also in the Series | **Kilovac EV200**



Definite Purpose Contactors(1)



High Voltage Relays(17)

Customers Also Bought



TE Part #4-1419111-2
PT270024



TE Part #1-1415898-1
RTS3T048



TE Part #1-1418773-1
32pos MOS .63 header 180deg THR



TE Part #YD369-P99-BS000000
369 9 WAY PLUG, NO CONTACTS,
SKT



TE Part #1-1825142-8
AE101SD1AV2B04



TE Part #2-2205131-4
CA MINI IO MINI IO TYPE I



TE Part #2-2205132-4
CA MINI IO MINI IO TYPE II



TE Part #2-2205132-5
CA MINI IO MINI IO TYPE II



TE Part #2296121-1
18P HEADER ASSY

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1618002-7_M.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG_CVM_CVM_1618002-7_M.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1618002-7_M.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

[KILOVAC EV200 Series Contactor With 1 Form X Contacts](#)

English