

EV200H1ANA

✓ ACTIVE

Kilovac | Kilovac EV200

TE Internal #: 1-1618002-5

High Voltage Relays, 12 – 900VDC Contact Voltage, 1 Form X, SPST-NO, Stud Terminals Main Connection, Flying Leads Coil Connection, Kilovac EV200

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Relays & Contactors > Relays > High Voltage Relays



Contact Voltage Rating: 12 – 900 VDC  
Contact Arrangement: 1 Form X, SPST-NO  
Coil Termination & Connection Type: Flying Leads  
Main Termination & Connection Type: Stud Terminals  
Power Switching: Yes

Features

Configuration Features

|                     |                   |
|---------------------|-------------------|
| Contact Arrangement | 1 Form X, SPST-NO |
|---------------------|-------------------|

Electrical Characteristics

|                                 |              |
|---------------------------------|--------------|
| Contact Voltage Rating          | 12 – 900 VDC |
| Contact Current Rating          | 500 A        |
| Coil Voltage Rating             | 900 VDC      |
| Coil Resistance                 | 3.14 Ω       |
| Contact Switching Voltage (Max) | 900 VDC      |

Signal Characteristics

|          |    |
|----------|----|
| RF Rated | No |
|----------|----|

Contact Features

|                  |        |
|------------------|--------|
| Contact Material | Copper |
|------------------|--------|

Termination Features

|                                    |                |
|------------------------------------|----------------|
| Coil Termination & Connection Type | Flying Leads   |
| Main Termination & Connection Type | Stud Terminals |

Mechanical Attachment

|                               |                            |
|-------------------------------|----------------------------|
| Product Mounting Feature Type | Flange with Mounting Holes |
| Product Mount Type            | Chassis                    |



Operation/Application

|                 |     |
|-----------------|-----|
| Power Switching | Yes |
|-----------------|-----|

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 2024 (241)<br>Candidate List Declared Against: JAN 2022 (223)<br>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 # 1-1618002-8  
EV200HAANA=RELAY, SPST-NO WITH



TE Part # 4-1618394-1  
EV200BAANA=CONTACTOR, SPST-NC 12V COIL



TE Part # 1-1618416-0  
EV210HXANA 1000V 24-48VDC COIL NO AUX



TE Part # 1618415-8  
EV200GXANA 1000V 24-48VDC COIL NC AUX

EV200H1ANA

High Voltage Relays, 12 – 900VDC Contact Voltage, 1 Form X, SPST-NO, Stud  
Terminals Main Connection, Flying Leads Coil Connection, Kilovac EV200



TE Part # 1618416-5  
EV210GAANB 1000V 9-36VDC COIL  
NC AUX



TE Part # 1618416-6  
EV210HAANB 1000V 9-36VDC COIL  
NO AUX



TE Part # 1618416-9  
EV210GXANA 1000V 24-48VDC COIL  
NC AUX



TE Part # 4-1618415-7  
EV200HXANA 1000V 24-48VDC COIL  
NO AUX



TE Part # 6-1618416-7  
EV210HXANB 1000V 24-48VDC COIL  
NO AUX



TE Part # 9-1618415-7  
EV210HAANA 1000V 9-36VDC COIL  
NO AUX



TE Part # 9-1618415-8  
EV210GAANA 1000V 9-36VDC COIL  
NC AUX

Also in the Series | Kilovac EV200



Definite Purpose Contactors(1)



High Voltage Relays(17)

Customers Also Bought



TE Part #5749621-7  
68 50S CABLE PLUG CONN/COV KIT



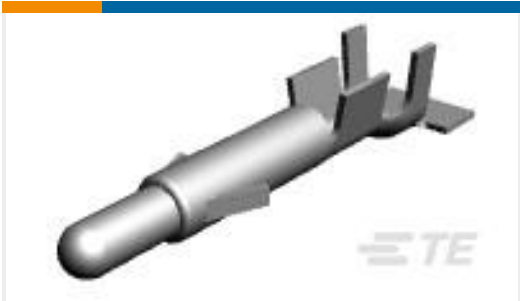
TE Part #3-640441-5  
05P MTA100 CONN ASSY WHT



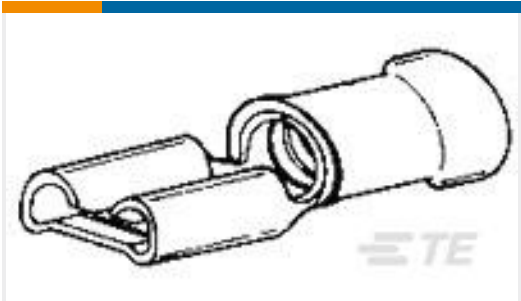
TE Part #1622349-1  
LR1 1% 1K0



TE Part #104257-2  
03 MTE RCPT HSG SR LATCH .100



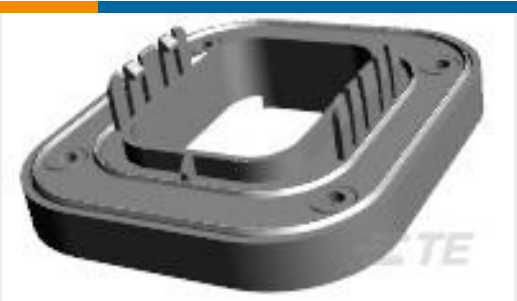
TE Part #926894-1  
UNIV.M-N-L.PIN



TE Part #140805-2  
TERMINAL REC FASTON PIDG 5



TE Part #1622389-1  
LR1 1% 22K



TE Part #1703806-1  
ADAPTER,SEALED,ASSY



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1618002-5\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1618002-5\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1618002-5\_J.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