



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **High Voltage Contactor**

Current Type: **DC**

Contact Arrangement: **1 Form X SPST-NO**

Contact Current Rating: **500 A**

Coil Voltage Rating: **9 – 36 VDC**

Features

Product Type Features

|                        |                        |
|------------------------|------------------------|
| Relay & Contactor Type | High Voltage Contactor |
|------------------------|------------------------|

Configuration Features

|                     |                               |
|---------------------|-------------------------------|
| Relay Options       | Not RF Rated, Power Switching |
| Contact Arrangement | 1 Form X SPST-NO              |

Electrical Characteristics

|                                 |               |
|---------------------------------|---------------|
| Coil Resistance                 | 3.14 $\Omega$ |
| Contact Switching Voltage (Max) | 900 VDC       |
| Contact Current Rating          | 500 A         |
| Coil Voltage Rating             | 9 – 36 VDC    |
| Contact Voltage Rating          | 12 – 900 VDC  |

Contact Features

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

Termination Features

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

Mechanical Attachment

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



|                       |               |
|-----------------------|---------------|
| Product Mount Type    | Chassis Mount |
| Operation/Application |               |
| Current Type          | DC            |

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: JUNE 2024 (241)<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 # 1-1618002-5  
EV200H1ANA=RELAY, SPST-NO WITH



Also in the Series | Kilovac EV200



DC Relays(18)

Customers Also Bought



TE Part #5-2176614-9  
EP 10W (SS) 270R 5% BULK BOX



TE Part #2-1618396-7  
EV200GAANA=RELAY, EV200 SPST-NO



TE Part #6-1676481-7  
CPF 0603 3K9 0.1% 25PPM 1K RL



TE Part #1532216-1  
M83513/01-HN, MCKS-N1-B-100PS



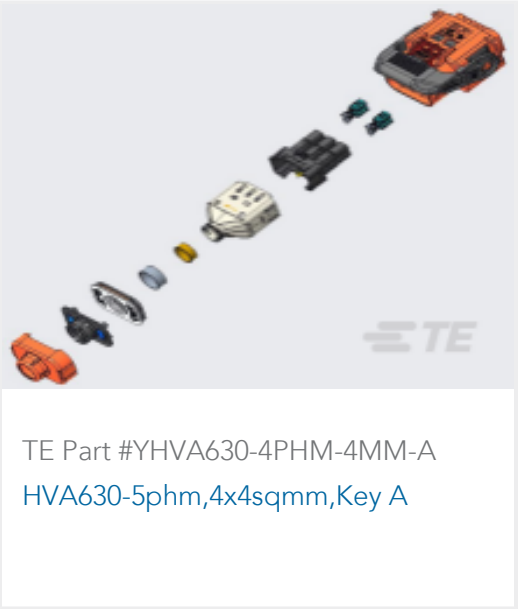
TE Part #1-2176489-9  
HCL130 70W 100R 5% Cable 150mm



TE Part #2118059-1  
WIMAX SINGLE BAND PCB Antenna



TE Part #173974-2  
PL 187 (4.8 MM) HOUSING RECEPTACLE



TE Part #YHVA630-4PHM-4MM-A  
HVA630-5phm,4x4sqmm,Key A



TE Part #2315855-6  
MSD,REC HSG ASSY,630A,V0,M8



TE Part #374Z-04909  
Speed sen DSD 1810.01 PHW (L=0, 825m)

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1618002-8\_E.2d\_dxf.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_1-1618002-8\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1618002-8\\_E.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

English