



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **High Voltage Contactor**  
Contact Current Rating: **500 A**  
Contact Arrangement: **1 Form X SPST-NO-DM**  
Current Type: **DC**  
Coil Voltage Rating: **48 VDC**

Features

Product Type Features

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

Configuration Features

|                                      |                     |
|--------------------------------------|---------------------|
| Auxiliary Switch Contact Arrangement | None                |
| Contact Arrangement                  | 1 Form X SPST-NO-DM |
| Contact Number of Poles              | 1                   |

Electrical Characteristics

|                                 |         |
|---------------------------------|---------|
| Contact Switching Voltage (Max) | 900 VDC |
| Contact Current Rating          | 500 A   |
| Coil Voltage Rating             | 48 VDC  |
| Coil Resistance                 | 145 Ω   |

Body Features

|                |                        |
|----------------|------------------------|
| Enclosure Type | Environmentally Sealed |
|----------------|------------------------|

Termination Features

|                                    |            |
|------------------------------------|------------|
| Main Termination & Connection Type | M8 x 1.25  |
| Coil Termination & Connection Type | 10-32 Stud |

Mechanical Attachment

|               |                 |
|---------------|-----------------|
| Torque (Main) | 80 – 100 in-lbs |
|---------------|-----------------|



|                    |                |
|--------------------|----------------|
| Torque (Coil)      | 15 – 30 in-lbs |
| Product Mount Type | Chassis Mount  |

Dimensions

|           |         |
|-----------|---------|
| Wire Size | .34 mm² |
|-----------|---------|

Operation/Application

|              |    |
|--------------|----|
| Current Type | DC |
|--------------|----|

Packaging Features

|                  |            |
|------------------|------------|
| Packaging Method | Individual |
|------------------|------------|

Other

|                       |               |
|-----------------------|---------------|
| Contact Current Class | >200 – ≤500 A |
|-----------------------|---------------|

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 2025 (250)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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

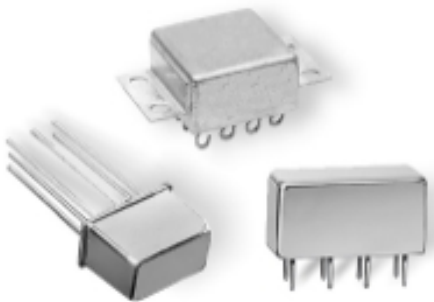


TE Part # 9-1618389-8  
LEV100A5ANG=RELAY, SPST, 24Vdc

Also in the Series | Kilovac LEV200



DC Contactors(33)



DC Relays(33)



Electromechanical Relays(33)

Customers Also Bought



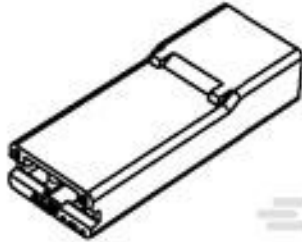
TE Part #K1148941  
Limit switch G13-01-1816



TE Part #K1148907  
Limit switch G13-01-1811



TE Part #K1008808  
Relay 26-56-08



TE Part #2-735075-6  
250 FASTON INS POST.,REC.,1 POS,  
NATURAL



TE Part #2120946-1  
M12 DC POWER SOCKET  
CONNECTOR, T-CODED



TE Part #1-2176471-0  
HPCR 0819 A 10% 33R Std T&R



TE Part #1-2176471-2  
HPCR 0819 A 10% 47R Std T&R



TE Part #165429-1  
SHUR PLUG REC.ASSY





Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-1618387-7\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1618387-7\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1618387-7\_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\_LEV200

English

Agency Approvals

CE Declaration of Conformity

English