



Relays & Contactors > Electromechanical Relays



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

Contact Current Rating: **100 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
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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	100 A
Coil Voltage Rating	48 VDC
Coil Resistance	392 Ω

Body Features

Enclosure Type	Environmentally Sealed
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Termination Features

Main Termination & Connection Type	M5 Female
Coil Termination & Connection Type	Connector

Mechanical Attachment

Torque (Main)	30 – 40 in-lbs
Product Mount Type	Chassis Mount



Dimensions

Coil Wire Length	381 mm[15 in]
Wire Size	.34 mm²

Operation/Application

Current Type	DC
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Packaging Features

Packaging Method	Individual
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Other

Contact Current Class	>50 – ≤200 A
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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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (.35% in 74025572) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 1618416-6
EV210HAANB 1500V 9-36VDC COIL
NO AUX



TE Part # 2-1618002-0
EV200HJANA=RELAY, SPST-NO WITH
NO AUX



TE Part # 9-1618415-8
EV210GAANA 1500V 9-36VDC COIL
NC AUX



TE Part # 9-1618415-7
EV210HAANA 1500V 9-36VDC COIL
NO AUX



TE Part # 1618387-7
LEV200A4NAA=RELAY, SPST-NO



TE Part # 1-1618416-0
EV210HXANA 1500V 24-48VDC COIL
NO AUX



TE Part # 6-1618416-7
EV210HXANB 1500V 24-48VDC COIL
NO AUX



TE Part # 1-1618002-9
EV200HDANA=RELAY, SPST-NO



TE Part # 1618416-9
EV210GXANA 1500V 24-48VDC COIL
NC AUX



TE Part # 1618002-3
EV200A2ANA=RELAY, EV200 SPST-N



TE Part # 2-1618393-6
LEV200H6ANA=RELAY,SPST-NO



TE Part # 1618416-5
EV210GAANB 1500V 9-36VDC COIL
NC AUX

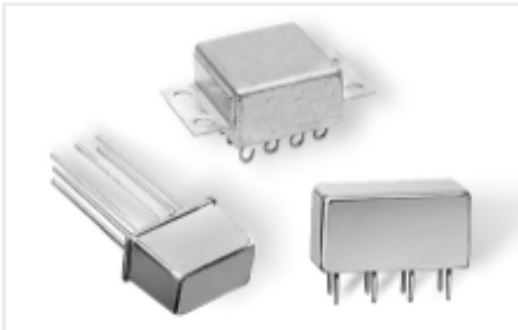


TE Part # 1-1618002-1
EV200ADANA=RELAY, EV200 SPST-
NO

Also in the Series | Kilovac LEV100



DC Contactors(11)

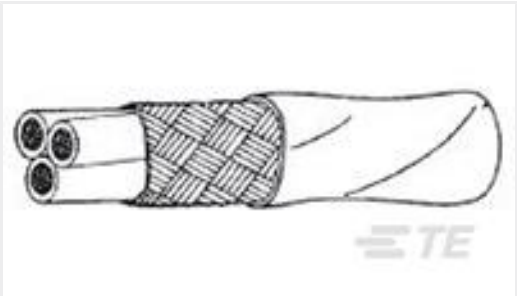


DC Relays(11)

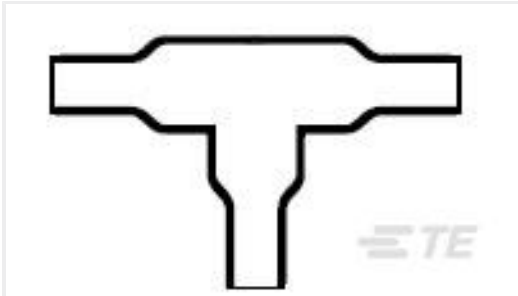


Electromechanical Relays(13)

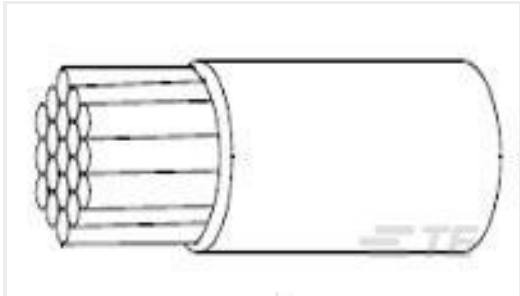
Customers Also Bought



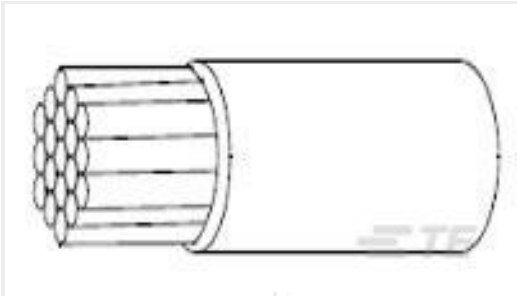
TE Part #316062-005
55A1131-22-2/4/6-9



TE Part #823277-000
301A011-4/42-0



TE Part #216046-006
55A0111-24-0



TE Part #216027-008
55A0111-26-9



TE Part #644752-7
07P MTA156 HDR ASSY SQ STR F/L



TE Part #1437566-3
FSMSM=3.5X6 SMT TACT



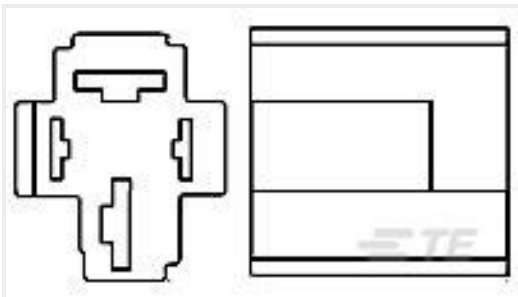
TE Part #2-1618393-6
LEV200H6ANA=RELAY,SPST-NO



TE Part #1-2176493-8
BMC 0603 600R 25% A Gen C



TE Part #1-5499786-1
A/L UNIV HDR 60P RA LAT



TE Part #1393310-4
VCF7-1000=FROM SEC

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1618391-2_D2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1618391-2_D2.3d_igs.zip

4-1618391-2

High Voltage Contactor, DC, 1 Form X SPST-NO-DM, 100 A Contact Rating, 48 VDC
Coil Voltage, Chassis Mount, Environmentally Sealed, Kilovac LEV100



English

Customer View Model

[ENG_CVM_CVM_4-1618391-2_D2.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Kilovac LEV100 Series 900 Vdc Contactor](#)

English

Agency Approvals

[CE Declaration of Conformity](#)

English