



Relays & Contactors > Electromechanical Relays



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

Contact Current Rating: **600 A**

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

Current Type: **DC**

Coil Voltage Rating: **12 VDC**

Features

Product Type Features

Relay & Contactor Type	High Voltage Contactor
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Configuration Features

Auxiliary Switch Contact Arrangement	1 Form A, SPST-NO
Contact Arrangement	1 Form X SPST-NO-DM
Contact Number of Poles	1

Electrical Characteristics

Contact Switching Voltage (Max)	900 VDC
Contact Current Rating	600 A
Coil Voltage Rating	12 VDC
Coil Resistance	2 – 45 Ω

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Copper
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Termination Features

Auxiliary Termination & Connection Type	Wire Connector
Main Termination & Connection Type	M8 x 1.25



Coil Termination & Connection Type	Flying Leads
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Mechanical Attachment

Torque (Main)	100 in-lbs
Product Mounting Feature Type	Mounting Hole

Dimensions

Wire Size	4/0 AWG
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Operation/Application

Current Type	DC
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Packaging Features

Packaging Method	Box
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Other

Contact Current Class	>500 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	Not Yet Reviewed
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 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the



product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1618002-7
EV200AAANA=RELAY, EV200 SPST-N

Also in the Series | Kilovac EV600

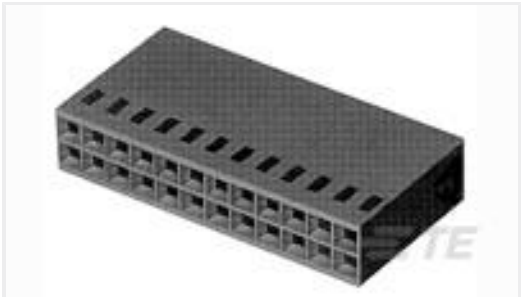


DC Relays(2)

Customers Also Bought



TE Part #3-582118-2
TEST PROBE REC130 BI RED GPBR



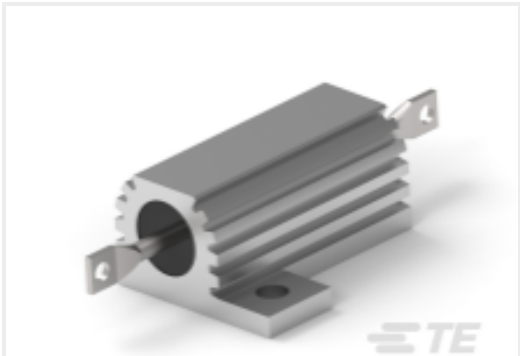
TE Part #925367-3
MOD 4 REC.HSG 2X03P



TE Part #6-1625999-7
HSC100 204R 5%



TE Part #7-1625999-3
HSC100 82R 5%



TE Part #CAT-C339-T419
Power Resistor: Aluminum Housed, 75 Watt



TE Part #1-1879445-5
TE 120W 15R 5% Bracket



TE Part #2176194-7
CPF 0603 301R~19K6 LAB KIT



TE Part #1-2176507-3
CJP 200W 5R6 5% Lead

5-1618413-0

High Voltage Contactor, DC, 1 Form X SPST-NO-DM, 600 A Contact Rating, 12 VDC
Coil Voltage, Hermetically Sealed, Kilovac EV600



Documents

Product Drawings

[EV600HVANM = CONTACTOR, SPST-NO 12V COIL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-1618413-0_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1618413-0_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1618413-0_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SS-EV600 = SPECIFICATION SHEET](#)

English

[KILOVAC EV600](#)

English