

5-1618413-0 ✓ ACTIVE

Kilovac | Kilovac EV600

TE Internal #: 5-1618413-0

TE Internal Description: EV600HVANM = CONTACTOR, SPST-NO

12V COIL

[View on TE.com >](#)



Relays, Contactors & Switches > Contactors > General Purpose Contactors



Contact Current Rating: **600 A**

Contact Switching Voltage (Max): **900 VDC**

Coil Voltage Rating: **12 VDC**

Contact Arrangement: **1 Form X (NO - DM)**

## Features

### Product Type Features

Molded	No
Arc Cover	Without
Model	EV200
Contactor Type	Hermetically Sealed
Terminal Configuration	Screw

### Configuration Features

Auxiliary Switch Contact Arrangement	1 Form A, SPST-NO
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### Electrical Characteristics

Actuating System	DC
Coil Voltage (Max)	14 VDC
Coil Resistance	2 – 45 $\Omega$
Contact Switching Voltage (Max)	900 VDC
Coil Voltage Rating	12 VDC

### Contact Features

Contact Base Material	Copper
Pole Configuration	1
Contact Current Rating	600 A
Contact Arrangement	1 Form X (NO - DM)

### Termination Features



Coil Termination	Flying Lead
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Auxiliary Contact Terminals	Wire - Connector
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### Mechanical Attachment

Mounting Plate	Without
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Mounting Type	Screw
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### Dimensions

Wire Size	0000 AWG
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Box
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### Other

Torque	100 in-lbs
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not applicable for solder process capability
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#### 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



General Purpose Contactors(2)

## Customers Also Bought



TE Part #DT04-12PB-LE01  
REC, 12P, BLK, N, CAP, FLANGE, B



TE Part #2106136-4  
Assembly, Receptacle, 4-Position



TE Part #32836  
PIDG R 22-16 COMM 22-18 MIL 10



TE Part #1-1630027-1  
HSC300 330R 5%



TE Part #1-2103172-1  
Plug Assembly, 350A, MSD



TE Part #1-1587987-1  
RECEPTACLE ASSEMBLY, 350A, MSD



TE Part #8-1618412-7  
LEV100H4CNG=CONTACTOR WITH  
AUX SPST, 12V



TE Part #2-2106124-3  
CONTACT, SEALED LIGHTING  
CONN, 22-24 AWG



## Documents

### Product Drawings

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

English

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### 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

[KILOVAC EV600](#)

English