# 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         | Hermatically Sealed |
| Terminal Configuration | Screw               |
| Configuration Footunes |                     |

### Configuration Features

### **Electrical Characteristics**

| Actuating System                | DC       |
|---------------------------------|----------|
| Coil Voltage (Max)              | 14 VDC   |
| Coil Resistance                 | 2 – 45 Ω |
| 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      |
|-----------------------------|------------------|
| Auxiliary Contact Terminals | Wire - Connector |
| Mechanical Attachment       |                  |
| Mounting Plate              | Without          |
| Mounting Type               | Screw            |
| Dimensions                  |                  |
| Wire Size                   | 0000 AWG         |
| Industry Standards          |                  |
| UL Flammability Rating      | UL 94V-0         |
| Packaging Features          |                  |
| Packaging Method            | Box              |
| Other                       |                  |
| Torque                      | 100 in-lbs       |

### **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 | No Restricted Materials Above Threshold   |
| 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 |
| 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



EV200AAANA=RELAY, EV200 SPST-N

## Also in the Series | Kilovac EV600



## 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





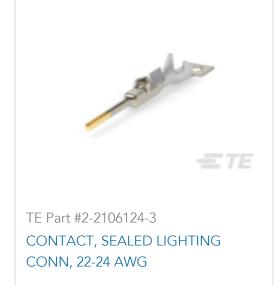
TE Part #1-2103172-1
Plug Assembly, 350A, MSD



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



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





### **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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

**KILOVAC EV600** 

English