



Relays & Contactors > 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 SPST-NO-DM**

Features

Configuration Features

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

Electrical Characteristics

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

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Copper
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Termination Features

Main Termination & Connection Type	M8 x 1.25
Coil Termination & Connection Type	Flying Leads
Auxiliary Termination & Connection Type	Wire Connector

Mechanical Attachment

Torque (Main)	100 in-lbs
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Product Mounting Feature Type	Mounting Hole
Dimensions	
Wire Size	4/0 AWG
Operation/Application	
Current Type	DC
Packaging Features	
Packaging Method	Box

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 2024 (241) 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

General Purpose Contactors(2)

Customers Also Bought

TE Part #1-1470108-0
2.0MM PITCH HEADER,DIP 10P

TE Part #1470106-1
2.0mm Pitch Crimp Contact

TE Part #1-1470107-0
2.0MM PITCH CRIMP HOUSING 10P

TE Part #DT06-12SC
PLG, 12P, GRN, N, C

TE Part #6-1618413-7
K1K06H012EAFA=CONTACTOR SPST-NO W/AUX

TE Part #1879450-9
TE 500W 4R7 5% Bracket

TE Part #CW9558-000
CBS-22CN21-21M-9

TE Part #4-1768017-8
EET-0615P-9

TE Part #AS018-32PN
RECEPT.2 HOLE MNT.TYPE 0

TE Part #ATM396-16
AS-16 NUTPLATE



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

SS-EV600 = SPECIFICATION SHEET

English