



Relays & Contactors > Relays > High Voltage Relays



Contact Voltage Rating: 12 - 900 VDC

Contact Arrangement: 1 Form X, SPST-NO

Coil Termination & Connection Type: Flying Lead

High Voltage Connection (Power): Terminals

Power Switching: Yes

Features

Configuration Features

Contact Arrangement	1 Form X, SPST-NO
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Electrical Characteristics

Contact Voltage Rating	12 - 900 VDC
Contact Current Rating	500 A
Coil Voltage Rating	900 VDC
Coil Resistance	3.14 Ω
Contact Switching Voltage (Max)	900 VDC

Signal Characteristics

RF Rated	No
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Contact Features

Contact Material	Copper
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Termination Features

Coil Termination & Connection Type	Flying Lead
High Voltage Connection (Power)	Terminals
Terminal Configuration	Stud Terminals

Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Holes
Product Mount Type	Chassis



Operation/Application

Power Switching	Yes
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 1-1618002-8 EV200HAANA=RELAY, SPST-NO WITH	TE Part # 1-1618416-0 EV210HXANA 1000V 24-48VDC COIL NO AUX	TE Part # 1618416-5 EV210GAANB 1000V 9-36VDC COIL NC AUX	TE Part # 1618416-6 EV210HAANB 1000V 9-36VDC COIL NO AUX



TE Part # 1618416-9  
EV210GXANA 1000V 24-48VDC COIL  
NC AUX



TE Part # 6-1618416-7  
EV210HXANB 1000V 24-48VDC COIL  
NO AUX



TE Part # 9-1618415-7  
EV210HAANA 1000V 9-36VDC COIL  
NO AUX



TE Part # 9-1618415-8  
EV210GAANA 1000V 9-36VDC COIL  
NC AUX



TE Part # 4-1618394-1  
EV200BAANA=CONTACTOR, SPST-  
NC 12V COIL



TE Part # 1618415-8  
EV200GXANA 1000V 24-48VDC COIL  
NC AUX



TE Part # 4-1618415-7  
EV200HXANA 1000V 24-48VDC COIL  
NO AUX

Also in the Series | Kilovac EV200

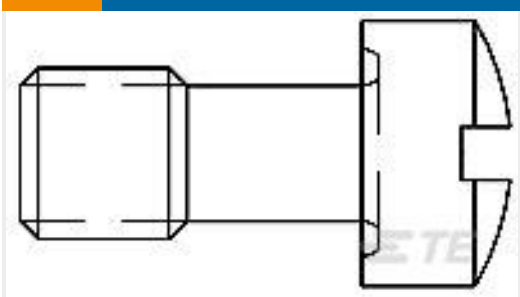


Definite Purpose Contactors(1)



High Voltage Relays(17)

Customers Also Bought



TE Part # 5747971-3  
MOUNTING SCREW, ZN PLTD



TE Part # 1-1423675-0  
W57-XB7A4A10-20=CKTBKR,THERM,P



TE Part # 1393249-5  
W58-XB1A4A-1=W58



TE Part # 9-1423364-6  
W57-XB1A7A10-5=CKTBKR,THERM,  
PB,SCW/QC



TE Part # 5-1423364-5  
W57-XB6A99C10-7=CKTBKR,THERM,  
PB,QC.250



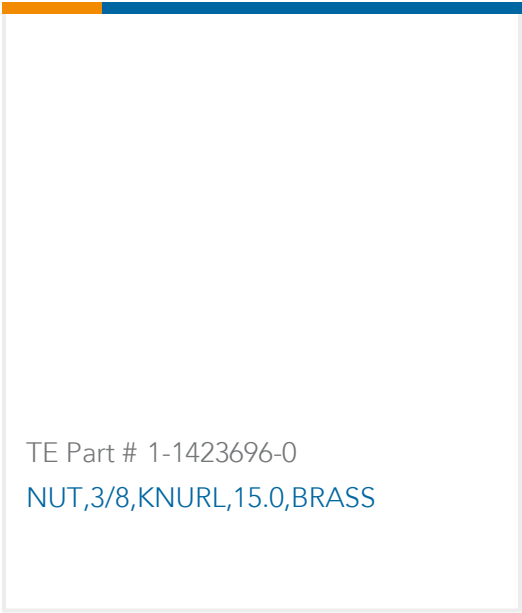
TE Part # 58637-1  
PRO-CRIMP TL & DIE 20-14 UMNL



TE Part # 827039-2  
CIC.SOCKET ASSY.



TE Part # 384275-E  
STVB/3 20 M AB VV 4-00 0606 \* \* 247  
E007



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1618002-5\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1618002-5\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1618002-5\_J.3d\_stp.zip

English

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

Datasheets & Catalog Pages

5-1773450-5\_sec7\_EV200A

English