

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	Compliant
EU ELV Directive 2000/53/EC	Compliant
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: JAN 2024 (240) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

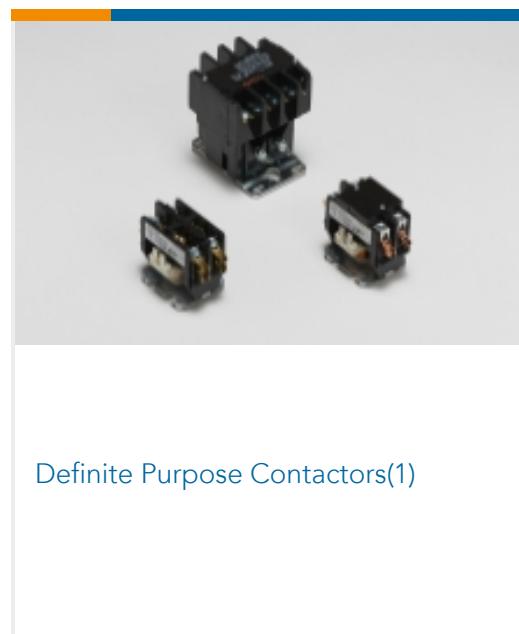
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

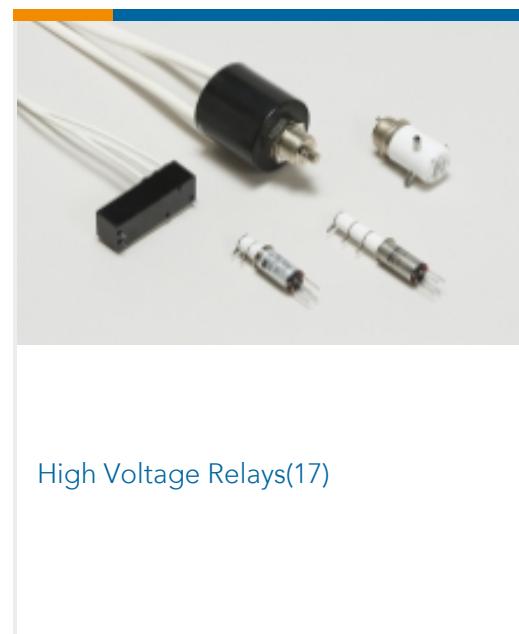
TE Part # 1618002-7
EV200AAANA=RELAY, EV200 SPST-NTE Part # 8-1618404-5
EV200DAANA=CONTACTOR, SPST-NC

Also in the Series

Kilovac EV200

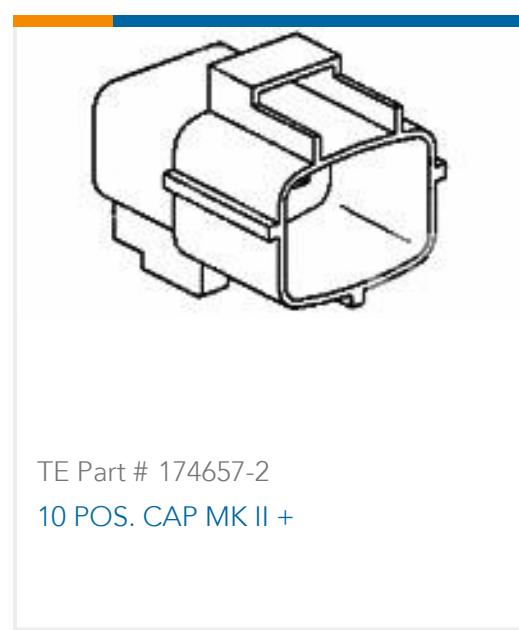
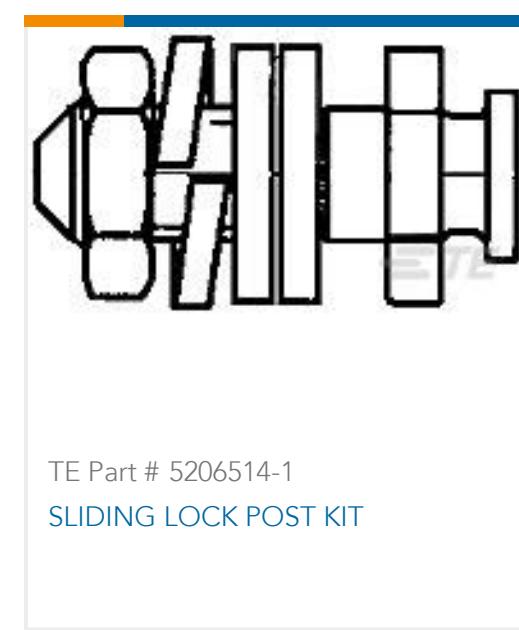


Definite Purpose Contactors(1)



High Voltage Relays(17)

Customers Also Bought

TE Part # 206425-1
17-3 RECEPT. REV SEXTE Part # 174657-2
10 POS. CAP MK II +TE Part # 3-1564416-1
8POS,TAB 1.6X0.6,TAB HSG,ASSYTE Part # 5206514-1
SLIDING LOCK POST KITTE Part # 205090-1
HD 20 SOCKET CONTACTTE Part # 3-1630024-1
HSC250 330R 5%TE Part # YDTS26W17-08PNV001
PLUG ASSYTE Part # 1-66740-1
TYPE XII FEMALE CONT (STRIP)TE Part # CW2896-000
R85049/88-15W02TE Part # 11105349-00
100 PSI, 7/16-20UNFM, 0.5-4.5V
ratiometr

Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1618002-5_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1618002-5_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1618002-5_K.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