EV500-5B ✔ ACTIVE

Kilovac

TE Internal #: 4-1618002-9

High Voltage Contactor, DC, 1 Form A SPST-NO, 600 A Contact Rating, 24 VDC Coil Voltage, 28 – 1800 VDC Contact Voltage, Panel Mount

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **High Voltage Contactor**

Contact Current Rating: **600 A**

Contact Arrangement: **1 Form A SPST-NO**

Current Type: **DC**

Coil Voltage Rating: **24 VDC**

Features

Product Type Features

Relay & Contactor Type	High Voltage Contactor

Configuration Features

Relay Options	Not RF Rated, Power Switching
Contact Arrangement	1 Form A SPST-NO

Electrical Characteristics

Contact Switching Voltage (Max)	1800 VDC
Contact Current Rating	600 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	28 – 1800 VDC
Coil Resistance	72 Ω

Contact Features

Contact Material	Copper

Termination Features

Main Termination & Connection Type	Screw Terminals
Coil Termination & Connection Type	Flying Leads

Mechanical Attachment

Product Mounting Feature Type	Flange with Screws
Product Mount Type	Panel Mount

Operation/Application

Current Type	DC

Other

Contact Current Class	>500 A

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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

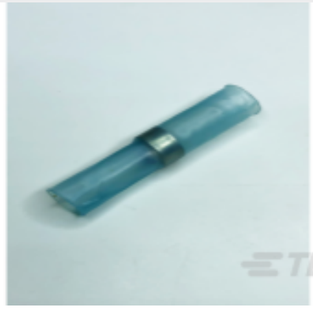
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

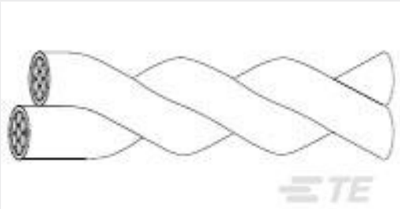


TE Part # 1618002-7
EV200AAANA=RELAY, EV200 SPST-N

Customers Also Bought



TE Part #624033-000
D-100-33



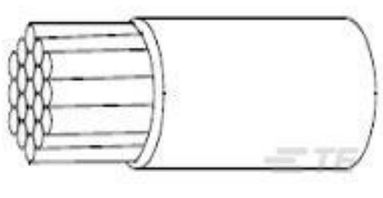
TE Part #3823313006
44A0121-22-0/9



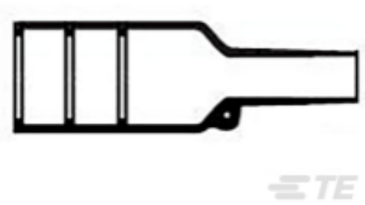
TE Part #5070062034
RNF-100-1/4-X-STK



TE Part #CAT-HST-RNF100-0
RNF-100-0 Heat Shrink Tubing



TE Part #216012-005
55A0111-22-0



TE Part #CAT-R21-731072
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #1-794610-2
MICRO MNL RPT CNT,LS PC 30AU L

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_4-1618002-9_G.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_4-1618002-9_G.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_4-1618002-9_G.3d_stp.zip

English

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Datasheets & Catalog Pages

5-1773450-5_sec7_EV500

English