



Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

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

Contact Current Rating: **500 A**

Coil Voltage Rating: **9 – 36 VDC**

### Features

#### Product Type Features

Relay & Contactor Type	High Voltage Contactor
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#### Configuration Features

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

#### Electrical Characteristics

Coil Resistance	3.14 Ω
Contact Switching Voltage (Max)	900 VDC
Contact Current Rating	500 A
Coil Voltage Rating	9 – 36 VDC

#### Contact Features

Contact Material	Copper
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#### Termination Features

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

#### Mechanical Attachment

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



### Operation/Application

Current Type	DC
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 7-1618013-4  
PD90XC57=RELAY, VACUUM, SPST-N

TE Part # 4-1618002-9  
EV500-5B=RELAY, PRESSURIZED, S

TE Part # 2-1618002-4  
EV250-2A=RELAY, 12VDC SPST-NO

TE Part # 1-1618013-4  
PD150XB57=RELAY, VACUUM, SPST-




TE Part # 7-1618013-3  
PD90XB57=RELAY, VACUUM, SPST-N



TE Part # 2-1618002-6  
EV250-2B=RELAY, 24VDC SPST-NO



TE Part # 7-1618013-2  
PD90XA57=RELAY, VACUUM, SPST-N



TE Part # 4-1618002-4  
EV500-4A=RELAY, PRESSURIZED, S



TE Part # 1618002-5  
EV200AAACA=RELAY, EV200 SPST-N



TE Part # 2-1618002-3  
EV250-1B=RELAY, SPST-NO



TE Part # 1-1618007-5  
AP350XB57=RELAY, PRESSURIZED,



TE Part # 1-1618013-3  
PD150XA57=RELAY, VACUUM, SPST-




TE Part # 2-1618013-6  
PD350XB57=RELAY, PRESSURIZED,



TE Part # 1618002-1  
EV200A1ANA=RELAY,UN-ECON  
EV200



TE Part # 4-1618002-8  
EV500-5A=RELAY, PRESSURIZED, S



TE Part # 5-1618413-0  
EV600HVANM = CONTACTOR, SPST-  
NO 12V COIL



TE Part # 4-1618002-5  
EV500-4B=RELAY, PRESSURIZED, S



TE Part # 6-1618006-6  
AP150XB57=RELAY, VACUUM, SPST-

Also in the Series | **Kilovac EV200**



DC Contactors(18)



DC Relays(18)



Electromechanical Relays(18)

Customers Also Bought



TE Part #2029060-1  
MINI UMNL LATCH LOCK



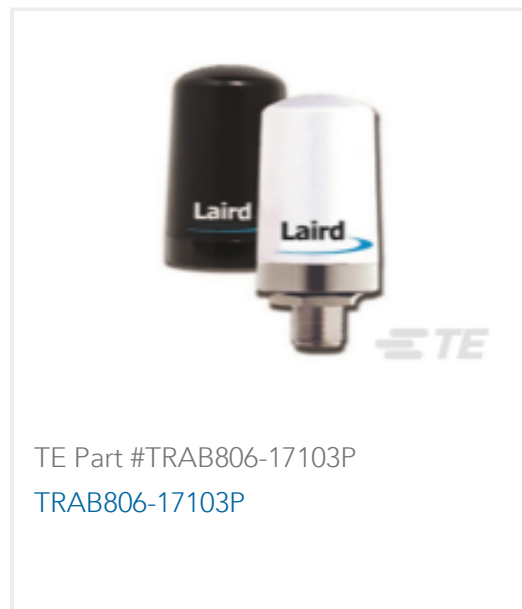
TE Part #HPP816E056  
TRICAN 24V HTD2800P1B11C6STD



TE Part #2-2205131-4  
CA MINI IO MINI IO TYPE I



TE Part #2-2205132-4  
CA MINI IO MINI IO TYPE II



TE Part #TRAB806-17103P  
TRAB806-17103P



TE Part #2-2205132-5  
CA MINI IO MINI IO TYPE II



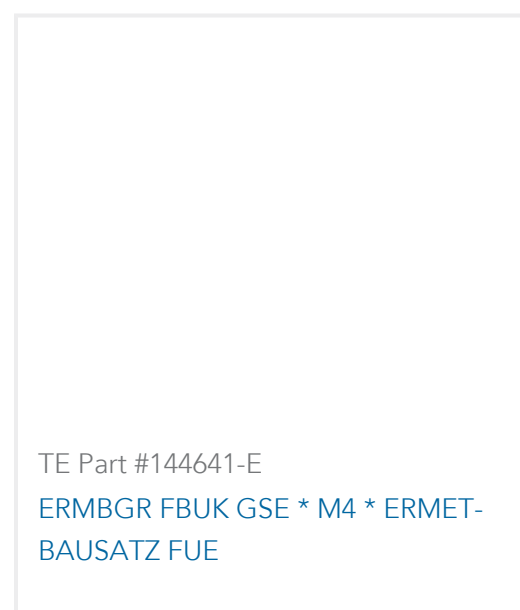
TE Part #1-1418773-1  
32pos MQS .63 header 180deg THR



TE Part #1879556-1  
SQH40 160R 5% 6.35MM FASTON



TE Part #2-1703498-3  
2POS, MCON 1.2 LL TAB SEALED  
COD B



TE Part #144641-E  
ERMBGR FBUK GSE \* M4 \* ERMET-  
BAUSATZ FUE

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1618002-7\\_M.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1618002-7\\_M.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1618002-7\\_M.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### KILOVAC EV200 Series Contactor With 1 Form X Contacts

English

[5-1773450-5\\_sec7\\_EV200A](#)

English

EV200AAANA

High Voltage Contactor, DC, 1 Form X SPST-NO, 500 A Contact Rating, 9 – 36 VDC  
Coil Voltage, Chassis Mount, Kilovac EV200



## KILOVAC EV200 Series Contactor

English