



Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

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

Contact Current Rating: **500 A**

Coil Voltage Rating: **48 VDC**

Features

Product Type Features

Relay & Contactor Type	High Voltage Contactor
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Configuration Features

Auxiliary Switch Contact Arrangement	None
Contact Number of Poles	1
Contact Arrangement	1 Form X SPST-NO-DM

Electrical Characteristics

Coil Resistance	145 Ω
Contact Switching Voltage (Max)	900 VDC
Contact Current Rating	500 A
Coil Voltage Rating	48 VDC

Body Features

Enclosure Type	Environmentally Sealed
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Termination Features

Main Termination & Connection Type	M8 x 1.25
Coil Termination & Connection Type	10-32 Stud

Mechanical Attachment

Torque (Main)	80 – 100 in-lbs
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Torque (Coil)	15 – 30 in-lbs
Product Mount Type	Chassis Mount

Dimensions

Wire Size	22 AWG
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Operation/Application

Current Type	DC
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Packaging Features

Packaging Method	Individual
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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 2025 (247) 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 # 9-1618389-8  
LEV100A5ANG=RELAY, SPST, 24Vdc

Also in the Series

Customers Also Bought



TE Part #DRC16-70SC  
PLG, 70P, BLK, N, C



TE Part #4-1623774-1  
C14 R47 5% (LOOSE)



TE Part #5-146132-2  
04 MODII HDR SR SFMNT B/A .100



TE Part #CSE-SGMR-152-SGMR  
SMA to SMA 152mm RG316



TE Part #2-735075-6  
250 FASTON INS POST.,REC.,1 POS,  
NATURAL



TE Part #2176513-9  
CJP 1000W 10R 5% Lead



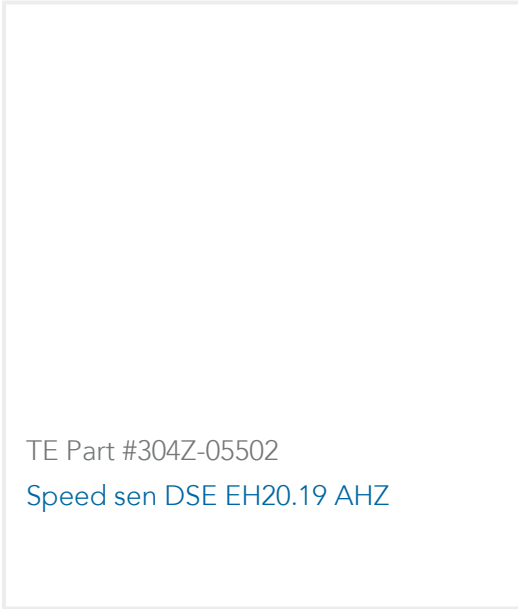
TE Part #294816-E  
SMCB 40 F AB VV 6-01 VH \* 0008 137  
E002



TE Part #1-1879455-6  
TE 1500W 18R 5% Bracket



TE Part #6-1879222-5  
CPF 0603 90R9 0.1% 25PPM 1K RL



TE Part #304Z-05502  
Speed sen DSE EH20.19 AHZ

Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_5-1618387-7\_E.2d\_dxf.zip
- English



Customer View Model

ENG\_CVM\_CVM\_5-1618387-7\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1618387-7\_E.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\_LEV200

English

Agency Approvals

CE Declaration of Conformity

English