



ECK150 Series

TE Internal #: 2071567-1

TE Internal Description: ECK150HAAPA

High Voltage DC Contactors, hermetically sealed, ceramic technology

[View on TE.com >](#)

Relays & Contactors > Contactors > General Purpose Contactors > High Voltage DC Contactors, hermetically sealed, ceramic technology



Contact Current Rating: **200 A**

Contact Switching Voltage (Max): **1000 VDC**

Coil Voltage Rating: **36 VDC**

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

[All High Voltage DC Contactors, hermetically sealed, ceramic technology \(20\)](#)

Features

Configuration Features

Auxiliary Switch Contact Arrangement	1 Form A, SPST-NO
Contact Number of Poles	1
Contact Arrangement	1 Form X SPST-NO-DM

Electrical Characteristics

Coil Resistance	4.77 – 5.83 Ω
Contact Current Rating	200 A
Contact Switching Voltage (Max)	1000 VDC
Coil Voltage Rating	36 VDC

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Copper
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Termination Features



Main Termination & Connection Type	M8 x 1.25
Coil Termination & Connection Type	Connector
Auxiliary Termination & Connection Type	Wire Connector

Mechanical Attachment

Torque (Main)	88.5 – 106.2 in-lbs
Product Mounting Feature Type	Mounting Plate, Screw

Dimensions

Wire Size	20 AWG
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Operation/Application

Current Type	DC
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Packaging Features

Packaging Method	Box & Carton
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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 2023 (235) 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	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 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 # 2071567-2
ECK150AAAPA

Also in the Series | ECK150 Series

General Purpose Contactors(2)

Customers Also Bought

TE Part #1-66504-0
SOCKET CONTACT, 20 DF

TE Part #9-2176070-5
3521 82K 1% 2W

TE Part #5-2176459-1
SMW 7W 12R 5% Taped

TE Part #3-1625958-7
HB01RE 50M 1% 100PPM

TE Part #3-2176400-3
3540 22R 1%

TE Part #2329383-5
PB OFF/ON FC BLU M1 TERM. IP68

TE Part #1462047-8
IM02IJR=IM RELAY 140mW 4.5V HCV

Documents

- CAD Files
- 3D PDF
- 3D



Customer View Model
[ENG_CVM_CVM_2071567-1_A1.2d_dxf.zip](#)
English

Customer View Model
[ENG_CVM_CVM_2071567-1_A1.3d_igs.zip](#)
English

Customer View Model
[ENG_CVM_CVM_2071567-1_A1.3d_stp.zip](#)
English

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

Datasheets & Catalog Pages
[QRG - High Voltage DC Contactors](#)
English

[HIGH VOLTAGE CONTACTORS ECK150 SERIES](#)
English

Agency Approvals
[UL](#)
English