



ECK150 Series

TE Internal #: 2071567-1

General Purpose Contactor, DC, 1 Form X SPST-NO-DM, 200 A
Contact Rating, 36 VDC Coil Voltage, 1.7 W Coil Power, Panel
Mount, ECK150 Series

[View on TE.com >](#)

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



Relay & Contactor Type: **General Purpose Contactor**

Contact Current Rating: **200 A**

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

Current Type: **DC**

Coil Voltage Rating: **36 VDC**

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

Features

Product Type Features

Relay & Contactor Type	General Purpose Contactor
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Configuration Features

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

Electrical Characteristics

Contact Switching Voltage (Max)	1000 VDC
Contact Current Rating	200 A
Coil Voltage Rating	36 VDC
Coil Resistance	4.77 – 5.83 Ω
Coil Power Rating DC	1.7 W
Insulation Initial Dielectric Between Contacts & Coil	4300 Vrms



Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Copper
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Termination Features

Auxiliary Termination & Connection Type	Flying Lead
Main Termination & Connection Type	M8 Male
Coil Termination & Connection Type	Flying Leads

Mechanical Attachment

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

Dimensions

Product Width	56 mm[2.204 in]
Product Length	80.4 mm[3.165 in]
Product Height	73 mm[2.874 in]
Wire Size	20 AWG

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Current Type	DC
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Packaging Features

Packaging Method	Box & Carton
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Other

Coil Power Rating Class	>1.5 – ≤3 W
Contact Current Class	>50 – ≤200 A
Height Class (Mechanical)	>70 mm[>2.756 in]
Length Class (Mechanical)	>70 mm[>2.756 in]
Width Class (Mechanical)	>33 mm[>1.299 in]

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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 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



Also in the Series |

Customers Also Bought





TE Part #L9000274-01
SMA Plug 50 Ohm .031 PCB Edge Mount



TE Part #5-794630-2
22P MICRO MNL ASSY,VRT,HDR,LF



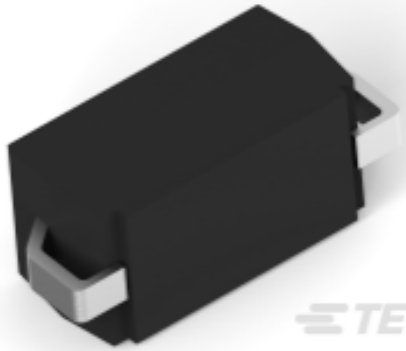
TE Part #1-1414632-0
V23132B2002X025-EV-CBOX



TE Part #2071567-2
ECK150AAAPA



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



TE Part #2-2176324-5
SMV 3W 10M 5%



TE Part #2439034-2
Vertical USB 3.2 A (board lock) / Au15uM



TE Part #1337769-2
50OHM COAX BNC STR PLUG STR P

TE Part #1337771-1
50 OHM COAX BNC STR PLUG STR P

TE Part #EG8801-000
400R0111-24-9

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

QRG - High Voltage DC Contactors



HIGH VOLTAGE CONTACTORS ECK150 SERIES

English

Agency Approvals

UL

English