

ECK150B Series

TE Internal #: 2071576-2

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, ECK150B Series

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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
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

Contact Current Class	>50 – ≤200 A
Coil Power Rating Class	>1.5 – ≤3 W
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: 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

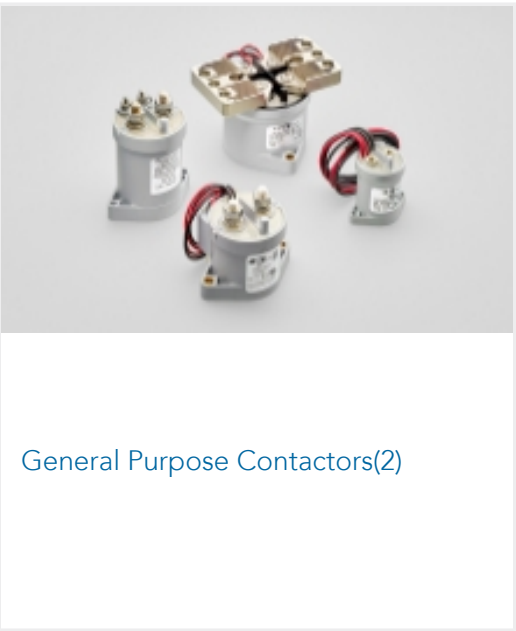


TE Part # 2071576-3
ECK150BHAAEA,01

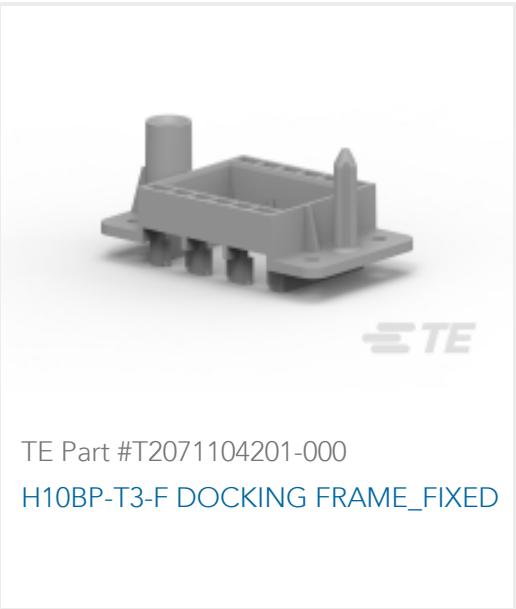


TE Part # 2071576-1
ECK150BAAAEA

Also in the Series | ECK150B Series



Customers Also Bought



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2071576-2_A1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2071576-2_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2071576-2_A1.3d_igs.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

High Voltage Contactors ECK150B Series

English



QRG - High Voltage DC Contactors

QRG - High Voltage DC Contactors

English

Agency Approvals

UL

English