

1393315-2 ✓ ACTIVE



High Current Relay HCR 150

TE Internal #: 1393315-2

High Current Relay, DC, Monostable, 1 Form A (NO), 130 A Contact Rating, 12 VDC Coil Voltage, 12 VDC Contact Voltage, High Current Relay HCR 150

[View on TE.com >](#)

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **High Current Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form A (NO)**

Current Type: **DC**

Contact Current Rating: **130 A**

Features

Product Type Features

Relay & Contactor Type	High Current Relay
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Configuration Features

Coil Special Features	Resistor in Parallel
Contact Arrangement	1 Form A (NO)

Electrical Characteristics

Contact Limiting Making Current	300 A
Contact Limiting Continuous Current	180 A
Contact Limiting Breaking Current	300 A
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Switching Load (Min)	1000mA @ 5VDC
Coil Resistance	37 Ω
Contact Current Rating	130 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	12 VDC
Coil Power Rating DC	3.9 W
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms

Body Features

Product Weight	220 g[7.76 oz]
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Enclosure Type	Dust Protected
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Contact Features

Contact Material	Silver Alloy
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Termination Features

Main Termination & Connection Type	M6 Male
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Coil Termination & Connection Type	Wire Connector
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Mechanical Attachment

Product Mounting Feature Type	Mounting Brackets
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Product Mount Type	Panel Mount
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Dimensions

Product Width	45 mm[1.772 in]
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Product Length	63 mm[2.48 in]
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Product Height	40 mm[1.574 in]
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Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Environmental Category of Protection	RTI
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Environmental Ambient Temperature (Max)	125 °C[257 °F]
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Operation/Application

Coil Magnetic System	Monostable
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Current Type	DC
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Other

Coil Power Rating Class	>3 – ≤10 W
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Contact Current Class	>50 – ≤200 A
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Height Class (Mechanical)	>33 – ≤45 mm[>1.299 – ≤1.772 in]
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Length Class (Mechanical)	>45 – ≤70 mm[>1.772 – ≤2.756 in]
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Width Class (Mechanical)	>33 mm[>1.299 in]
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted
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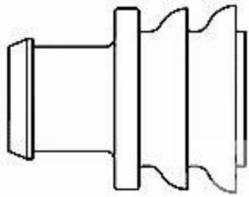


	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process 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 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>

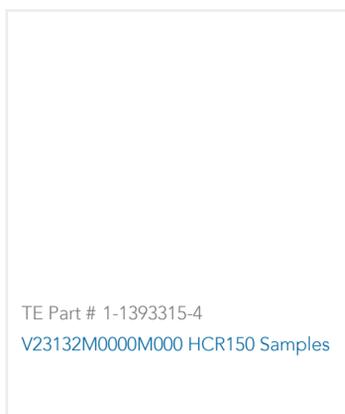
Compatible Parts



TE Part # 281934-2
SINGLE WIRE SEAL



TE Part # 1-1414476-0
V23132A2001X023-EV-CBOX

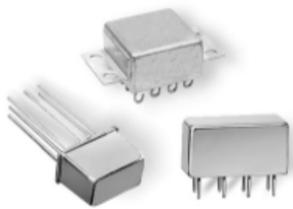


TE Part # 1-1393315-4
V23132M0000M000 HCR150 Samples



TE Part # 9-1415001-5
V23132E2001A200

Also in the Series | High Current Relay HCR 150



DC Relays(7)



Electromechanical Relays(7)

Customers Also Bought



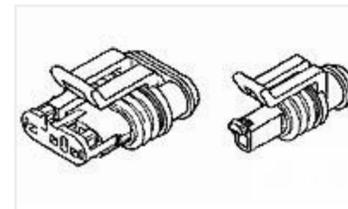
TE Part #CV7370-000
222K163-25L-0



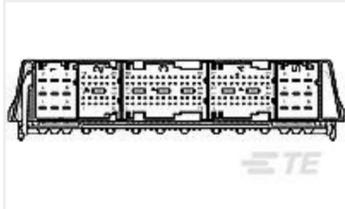
TE Part #DT04-12PA-P075
REC, 12P, GRY, BUSBAR 3X4, NICKEL, A



TE Part #60650-2
250 FASTON FLAG REC 18-14 AWG TPBR



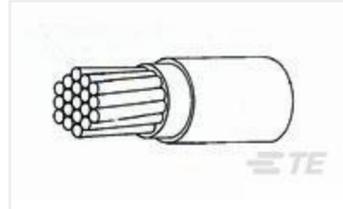
TE Part #282080-1
AMP SUPERSEAL 1.5 SERIES 2P PL TPBR



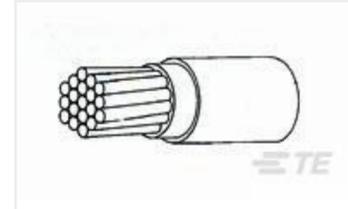
TE Part #7-967288-1
134pos hybrid MQS .63 header 90deg



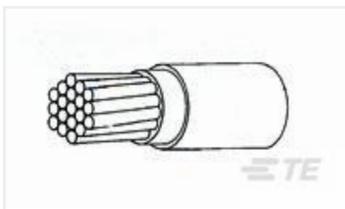
TE Part #1-1609112-4
15CBE1=F8274



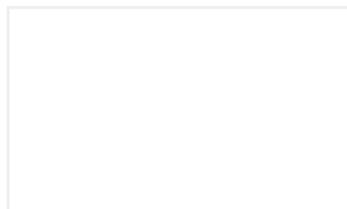
TE Part #CD61213001
44A0111-22-6CK0300



TE Part #CD61203001
44A0111-22-2CK0300



TE Part #CD61243001
44A0111-22-9CK0300



TE Part #9630546001
DR-25-3/16-0-10M

Documents

Product Drawings

[V23132A2001A200-EV-CBOX](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1393315-2_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1393315-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1393315-2_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages



[Automotive Relay Application Notes](#)

English

[Product Specifications](#)

[Definitions General Purpose Relays](#)

English