TE Internal #: 2-1414939-2

Automotive High Current Relays, 12 VDC Coil Voltage, >50A, 1

Form A (NO), Resistor in Parallel, Monostable, DC, 37  $\Omega$  Coil

Resistance

View on TE.com >



Relays, Contactors & Switches > Relays > Automotive Relays > Automotive High Current Relays











Rated Coil Voltage: 12 VDC

High Current Automotive Relay Contact Current Class: >50A

High Current Automotive Relay Contact Arrangement: 1 Form A (NO)

Coil Suppression: Resistor in Parallel

High Current Automotive Relay Coil Magnetic System: Monostable, DC

## **Features**

## Product Type Features

Product Category	Electromechanical Relays
Relay Type	High Current Relay HCR 150
Product Type	Relay
Product Classification	Relays - Automotive High Current Relays
Product Designation	High Current Automotive Relays

### **Electrical Characteristics**

Rated Coil Voltage	12 VDC
Coil Suppression	Resistor in Parallel
High Current Automotive Relay Coil Magnetic System	Monostable, DC
High Current Automotive Relay Coil Resistance	37 Ω

### **Contact Features**

High Current Automotive Relay Contact Current Class	>50A
High Current Automotive Relay Contact Arrangement	1 Form A (NO)

## Mechanical Attachment



Mounting Type	Screw
Other	
High Power Relays (>75A)	Yes

## **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 2023 (235) 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













# Customers Also Bought











TE Part #7-1414985-1 V23136A0004X075-EV-CBOX



TE Part #HDC16-6-LA

DUST CAP, 6P, REC, GRY, LANYARD,

HD10



TE Part #10131105-01 USM-X1421TZ





## **Documents**

Product Drawings
V23132A2001B200-EV-USBX

English

**CAD Files** 

3D PDF

3D

Customer View Model ENG\_CVM\_CVM\_2-1414939-2\_A.2d\_dxf.zip



English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1414939-2\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-1414939-2\_A.3d\_stp.zip

English

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

## Datasheets & Catalog Pages

High Current Relay 150, High Current Devices, High Current Solutions

English