



HIGH CURRENT AUTOMOTIVE RELAYS



✓ Active

3D PDF

TE CONNECTIVITY (TE)

V23132B2002A200=HCR

High Current Relay HCR 150

1393315-9

TE Internal Number: 1393315-9

Alias ID: V23132B2002A200

Always EU RoHS/ELV Compliant

Rated Coil Voltage (VDC) **24**

Contact Current Class **>50A**

Contact Arrangement **1 Form X (DM)**

Coil Magnetic System **Monostable, DC**

Coil Resistance (Ω) **141**

CAD Files

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

3D

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Catalog Pages/Data Sheets

Automotive Relay Application Notes

PDF

English

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

PDF

English

Product Specifications

Product Specification

Definitions Relays

PDF

English

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features

Relay Type

High Current Relay HCR 150

Product Designation

High Current Automotive Relays

Product Classification

Relays - Automotive High Current Relays

Product Category

Electromechanical Relays

	Product Type	Relay
Electrical Characteristics	Rated Coil Voltage (VDC)	24
	Coil Magnetic System	Monostable, DC
	Coil Resistance (Ω)	141
	Rated Voltage (VDC)	24
	Insulation Initial Dielectric Between Coil/Contact Class	500 – 1000 V
	Contact Switching Load (Min)	1000mA @ 5VDC
	Contact Limiting Breaking Current (A)	300
	Coil Power Rating (DC) (mW)	4100
	Contact Limiting Continuous Current (A)	180
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	1000
	Insulation Initial Dielectric Between Open Contacts (Vrms)	1000
	Contact Limiting Making Current (A)	300
	Current Rating (85°C) (A)	130
Body Features	Weight	220 g [7.766 oz]
Contact Features	Contact Current Class	>50A
	Contact Arrangement	1 Form X (DM)
	Terminal Type	Screw Terminals
	Contact Base Material	AgSnO2
Mechanical Attachment	Mounting Type	Screw
	Mounting Brackets	With
Dimensions	Height	45 mm [1.772 in]
	Length	74.2 mm [2.92 in]
	Width	40 mm [1.575 in]
	Height Class (Mechanical)	40 – 50 mm
	Width Class (Mechanical)	30 – 40 mm
	Length Class (Mechanical)	>60mm
Usage Conditions	Environmental Ambient Temperature Class	105 – 125°C
	Environmental Ambient Temperature (Max)	125 °C [257 °F]
	Environmental Category of Protection	RTI

Operation/Application	High Power Relays (>75A)	Yes
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

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(.180")
6-456134-1

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