



# GER150

High Voltage DC Relay type GER150, 450 VDC, 150A.

Categorieën: [500 VDC Contactors](#), [GER Series for electric vehicles](#) Tags: [GER Series](#), [GER150](#), [High Voltage DC relay LSIS](#)

Beschrijving

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### GER150 High Voltage DC relay from LSIS

High Voltage DC Relay for operating voltage of 450 VDC, 150A (Rating DC450V 150A).

**APPLICATIONS:** High DC voltage applications such as:

- Electric Vehicle
- Hybrid Vehicle
- Renewable Energy Storage
- Battery Charging System
- Fuel Cell & Solar System
- General-purpose Industrial Equipments

### Specifications:

Width x Height x Depth [mm]	80,7 x 70 x 39
Contact Form	SPST-NO
Contact Structure	Double break, Single
Short-time Current	2 min; 320A, 10 min; 225A
Rated Coil Voltage	12V
Coil power consumption	6 Watt
Max allowable coil voltage	16 VDC
Operating Voltage	DC 450V
Rated Impulse withstand voltage	4.000 V
Conventional thermal Current	150A
Mechanical Durability (3600 operations an hour)	Min. 300.000 cycles
Electrical Durability	150A, 450VDC, 3000cycles (at 360cycles/Hr)
Operating time	Max. 30ms
Release time	Max. 10ms
Temperature Range	-40 ~ 85°C
Humidity	5-95% R.H.
Insulation strength (Initial)	Min. 100MΩ(@500VDC)
Weight	380 g
Certification	— Contact Cotronics bv

To get a more deep overview of the total GER and GPR product line, please download one of the pdf's below:

[Download GER-series relays for use in Electric Vehicles](#)

[Download Extended Catalog GPR-Series](#)

## Gerelateerde producten



**GPR010**

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**GPR040**

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**GPR150**

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**GPR250**

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