

**CD431090B Information**


For Reference Only

**Part Number** [CD431090B](#)  
**Manufacturer** Powerex Inc.  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs - Modules](#)  
**Description** SCR MOD ISO DUAL 1000V 90A  
**Package** POW-R-BLOK? Module  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**CD431090B Specifications**

Manufacturer Part Number	<a href="#">CD431090B</a>
Manufacturer	Powerex Inc.
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs - Modules</a>
Package	POW-R-BLOK? Module
Series	-
Structure	Series Connection - All SCRs
Number of SCRs, Diodes	2 SCRs
Voltage - Off State	1000V
Current - On State (It (AV)) (Max)	95A
Current - On State (It (RMS)) (Max)	150A
Voltage - Gate Trigger (Vgt) (Max)	3V
Current - Gate Trigger (Igt) (Max)	150mA
Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	2000A, 2100A
Current - Hold (Ih) (Max)	250mA
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Chassis Mount
Package / Case	POW-R-BLOK? Module

[Report errors?](#)

## CD431090B Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## CD431090B Payment Methods



## CD431090B Shipping Methods



If you have any question about CD431090B, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)