

**MCD312-12IO1 Information**


For Reference Only

**Part Number** [MCD312-12IO1](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs - Modules](#)  
**Description** MOD THYRISTOR/DIODE 1200V Y1-CU  
**Package** Y1-CU  
 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.


**MCD312-12IO1 Specifications**

Manufacturer Part Number	<a href="#">MCD312-12IO1</a>
Manufacturer	IXYS
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs - Modules</a>
Package	Y1-CU
Series	-
Structure	Series Connection - SCR/Diode
Number of SCRs, Diodes	1 SCR, 1 Diode
Voltage - Off State	1200V
Current - On State (It (AV)) (Max)	320A
Current - On State (It (RMS)) (Max)	520A
Voltage - Gate Trigger (Vgt) (Max)	2V
Current - Gate Trigger (Igt) (Max)	150mA
Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> )	9200A, 10100A
Current - Hold (Ih) (Max)	150mA
Operating Temperature	-40°C ~ 140°C (TJ)
Mounting Type	Chassis Mount
Package / Case	Y1-CU

[Report errors?](#)

## MCD312-12IO1 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.

## MCD312-12IO1 Payment Methods



## MCD312-12IO1 Shipping Methods



If you have any question about MCD312-12IO1, please do not hesitate to contact us!

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

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