

MDC500-14IO1 Information


For Reference Only

Part Number [MDC500-14IO1](#)
Manufacturer IXYS
Category Discrete Semiconductor Products
[Thyristors - SCRs - Modules](#)
Description DIODE MODULE 1400V WC-500
Package WC-500
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


MDC500-14IO1 Specifications

Manufacturer Part Number	MDC500-14IO1
Manufacturer	IXYS
Category	Discrete Semiconductor Products Thyristors - SCRs - Modules
Package	WC-500
Series	-
Structure	Series Connection - SCR/Diode
Number of SCRs, Diodes	1 SCR, 1 Diode
Voltage - Off State	1400V
Current - On State (It (AV)) (Max)	545A
Current - On State (It (RMS)) (Max)	1294A
Voltage - Gate Trigger (Vgt) (Max)	3V
Current - Gate Trigger (Igt) (Max)	300mA
Current - Non Rep. Surge 50, 60Hz (I _{tsm})	16500A @ 50Hz
Current - Hold (Ih) (Max)	1A
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Chassis Mount
Package / Case	WC-500

[Report errors?](#)

MDC500-14IO1 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.

MDC500-14IO1 Payment Methods



MDC500-14IO1 Shipping Methods



If you have any question about MDC500-14IO1, please do not hesitate to contact us!

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