

**MDC700-18IO1W Information**


For Reference Only

**Part Number** [MDC700-18IO1W](#)  
**Manufacturer** IXYS  
**Category** Discrete Semiconductor Products  
           [Thyristors - SCRs - Modules](#)  
**Description** DIODE MODULE 1800V WC-500  
**Package** WC-500  
 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.


**MDC700-18IO1W Specifications**

|   |  |
|---|--|
| Manufacturer Part Number                              | <a href="#">MDC700-18IO1W</a>  |
| Manufacturer  | IXYS   |
| Category  | Discrete Semiconductor Products<br><a href="#">Thyristors - SCRs - Modules</a> |
| Package   | WC-500   |
| Series  | -  |
| Structure   | Series Connection - SCR/Diode  |
| Number of SCRs, Diodes                                | 1 SCR, 1 Diode   |
| Voltage - Off State                                   | 1800V  |
| Current - On State (It (AV)) (Max)                    | 700A   |
| Current - On State (It (RMS)) (Max)                   | 1331A  |
| Voltage - Gate Trigger (Vgt) (Max)                    | -  |
| Current - Gate Trigger (Igt) (Max)                    | -  |
| Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> ) | 18200 @ 50MHz  |
| Current - Hold (Ih) (Max)                             | -  |
| Operating Temperature                                 | -40°C ~ 125°C (TJ)   |
| Mounting Type   | Chassis Mount  |
| Package / Case  | WC-500   |

[Report errors?](#)

## MDC700-18IO1W 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.

## MDC700-18IO1W Payment Methods



## MDC700-18IO1W Shipping Methods



If you have any question about MDC700-18IO1W, please do not hesitate to contact us!

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

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