ARATAS



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Hello [First Name] !

Welcome to our monthly newsletter, your go-to source for everything related to Aratas America LLC! We'll be discussing our latest in technology, events, and more! Whether you're looking to stay ahead of the curve or simply curious about what's new, we've got you covered. Let's dive in and discover the exciting world of electronic components together!

If you have any feedback, please email us!

Sincerely,
The Team @ Aratas America LLC

Featured **Products**



G9EK-1-UTU DC24

Built around a compact, high-capacity design, the G9EK now includes a UL-certified 24 VDC model to expand compatibility with a wider range of industrial control systems. Its ability to switch 500 A at up to 400 VDC, combined with a sealed construction that requires no arc space, delivers dependable performance while reducing panel space requirements and supporting safe applications. This relay achieves both industry leading low power consumption and high short circuit performance to improve system efficiency and durability, making it well suited for high power applications that require reliable operation.
**According to Aratas research findings*

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D2EW-R

D2EW-R with integrated resistors can be used to detect four different states in a circuit:

1. OFF
2. ON
3. Short-circuit
4. Disconnected

The ON/OFF state indicates that the circuit is either closed or open, while the short-circuit state indicates a direct connection between two points in the circuit. The disconnection state indicates that there is a break in the circuit or a faulty connection. By monitoring these states, engineers can quickly identify and troubleshoot any issues with the circuitry in their device.

Learn More

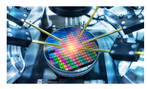


G3VH Expansion

The G3VH SiC MOSFET relay series has expanded to include new 1700 V and 3300 V models featuring low terminal capacitance, further extending its high-voltage capabilities.Conventional silicon (Si) power semiconductors have faced inherent material limitations that make significant performance improvements difficult. By adopting a SiC (silicon carbide)-based MOSFET relay, we have achieved enhanced performance through a breakdown electric field strength more than 10 times higher than that of Si, as well as high voltage withstand capability and low power loss.

Learn More

Aratas **News**



SiC MOSFET Relays: A New Solution for Power Semiconductor ATE

Aratas developed its G3VH series of SiC MOSFET relay signal switches to give ATE designers a solid-state solution for 1,800V and 3,300V systems.

Learn More

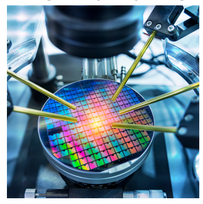
Fresh On The Board - October 2026

OMRON Device & Module Solutions Company has made a fresh start as "Aratas" in 2026.

Learn More

Aratas **Events**

Overcoming the Challenges of High-Frequency Design



As high-frequency equipment demands evolve, staying ahead of design and reliability challenges is critical. Join this session for an exclusive deep dive into the latest innovations shaping the high-Frequency equipment market.
In this session, experts in relay and component solutions from Aratas will explore current industry trends, navigate pressing challenges, and showcase advanced solutions designed to elevate your testing capabilities.

Attend this webinar and learn:

- Advanced MOSFET & Reed Relays: Maximize board density, extend equipment lifespan, and ensure stable on-resistance.
- Innovative RF Relays: Achieve high-frequency, high-performance results within a compact footprint.
- Compatible Sockets: Enhance equipment reliability, mitigate failure risks, and ensure safer designs.
- Dense RF Module Integration: Explore space-saving, miniaturized, high-frequency relays built for modern layouts.

Watch On-demand

High Power Relays in Battery Energy Storage Systems



Discover how Aratas high-power relays are used throughout Battery Energy Storage Systems, from AC coupled to DC coupled commercial and industrial applications. Explore where each relay is used within the system and gain an overview of the key specifications and features that make these solutions ideal for high power energy storage applications.

Key Highlights:

- Relay Applications Throughout BESS
- High Power Relay Portfolio
- Design Advantages

Watch On-demand

Interested in other events Aratas is a part of or hosting? Check out our events page so you never miss a thing!

Events Page

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