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OMRON

COMPONENT INSIDER

JUNE 2024 EDITION

Hello [First Name] !

Thanks for reading the June 2024 edition of OMRON Electronic Component's product newsletter, Component Insider.

If you have any feedback on this new resource, please email us!

Sincerely,
The Team @ OMRON Electronic Components

Featured **Products**



Tactile Switches

B3F, B3FS, B3W, B3S, & B32

Tactile switches are essential components in various applications where precise and reliable operation is required. These switches feature a compact design, making them ideal for use in electronic devices such as remote controls, wall controls, and other handheld devices. The tactile feedback provided by these switches allows users to detect when the switch has been activated, ensuring accurate input. Their durability and long lifespan make them suitable for setting applications where frequent switching is necessary. Overall, small tactile switches play a vital role in enhancing user experience and functionality in professional settings by providing a responsive and efficient control interface.

Learn More



G6QE-1A4

The G6QE-1A4 relay provides a Sealed SPST (1a) PCB terminal relay option for designs requiring 36A switching for resistive or inverter loads. This relay is a sealed, explosion-proof addition to the G6QE family, providing conformation to IEC/EN60079-15. These new models are ideal candidates for switching in flammable gas environments.

Learn More



D2AW-R

D2AW-R with integrated resistors can be used to detect four different states in a circuit:

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

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. Newly released models are now available with molded lead wire options.

Learn More



G2RL

The G2RL PCB Power Relay from Omron is a low-profile power relay designed for integration into miniature equipment. It offers a variety of models including single pole, double pole, high-capacity (16 A), and high-sensitivity (250 mW) types. The relay conforms to IEC/EN 60335-1 standards, with specific models also meeting IEC/EN 60079-15 standards.

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OMRON **News**



Precision at Your Fingertips: OMRON's Innovative Tactile Switches

OMRON tactile switches are engineered to deliver enhanced performance and versatility, making them suitable for a wide range of applications. Available in a range of sizes and configurations, the tactile switches can be tailored to meet the specific needs of different applications. From smart home devices like air purifiers and bathroom control panels to more demanding industrial automation systems such as servo inverters and temperature controllers, OMRON offers a tactile switch to suit any requirement. Sealed type models of OMRON tactile switches have an IP67 rating, protecting against dust and moisture. This feature is particularly beneficial in outdoor applications, such as security systems, where exposure to environmental elements is a common challenge. OMRON tactile switches provide clear and distinct tactile feedback and high click accuracy, which is crucial in applications requiring precise control. OMRON is committed to innovation is seen with the design of our tactile switches. The ultra-thin profile of the B3SE model, is ideal for modern, compact devices and not only saves space but also contributes to the sleek appearance of the final product. Whether for consumer electronics or industrial machinery, OMRON's tactile switches are a testament to the company's dedication to quality and customer satisfaction.

Learn more

Fresh On The Board - May Edition

Discover the latest innovations in relay and switch technology with OMRON's May 2024 edition of "Fresh on the Board." This issue highlights cutting-edge solutions tailored for enhancing security and safety in various applications. Learn how OMRON's relays are engineered with protective structures to meet diverse environmental demands, ensuring reliability in scenarios requiring explosion-proof, water-proof, and moisture-proof components

Learn more

Upcoming **OMRON Events**



Save the Date for OMRON's upcoming webinar this July to understand more about the latest signal relay and blade pin technologies to enable the advancement of automated test equipment and the next generation of semiconductors.

Event Details:
Date: Thursday, July 18th, 2024
Time: 11am CST/ 12pm EST

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DAYS HOURS MINUTES SECONDS

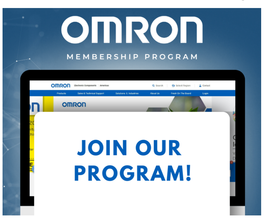
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Events Page

OMRON **Membership Program**



For a limited time, we will be offering our membership program free to anyone who signs up for it.

- Free download of 2D/3D CAD and ECAD files
- Updated information on New Products
- Access to OMRON's exclusive newsletter
- Downloadable RoHS Certifications
- Reference History
- And more to come...

Sign Up For Membership



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