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OMRON

COMPONENT INSIDER

FEBUARY 2025 EDITION

Hello [First Name] !

Welcome to our monthly newsletter, your go-to source for everything related to OMRON Electronic Components! 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 @ OMRON Electronic Components

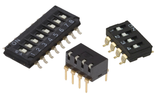
Featured **Products**



G9EK-U

The G9EK-1-UTU is a UL certified SPST high power relay aimed to provide a cost-effective solution for DC disconnect applications. This product is rated to switch 120A at 500VDC bi-directionally, eliminating the need for multiple switching components to alternate forward and reverse currents. The G9EK series offers high shock and vibration characteristics coupled with cost-down benefits from hermetically sealed switching predecessors.

Learn More



DIP Switches

A6H, A6S, & A6T

The A6H, A6S, and A6T relays from OMRON are designed for high contact reliability in factory automation, industrial devices, and network equipment. These miniature and low-profile relays are available in surface mount (A6H and A6S) and PCB through-hole (A6T) types, with pole options ranging from 1 to 10. They feature pitches of 1.27 mm (A6H) and 2.54 mm (A6S and A6T). Ideal for applications requiring precise switching, these relays are used in communication equipment, commercial devices, and industrial machinery, including remote controls, garage doors, and ceiling fans. They also support setting addresses in intelligent networks like IoT, ensuring unique component identification.

Learn More



G9KB-E

The G9KB-E is the high-capacity SPST model of the G9KB series, providing higher maximum switching ratings without a change in size or footprint. This product can switch up to 100A at 600VDC or 50A at 800VDC bi-directionally, eliminating the need for multiple switching components to alternate forward and reverse currents. The G9KB series has been developed with high performing arc cut-off technology, to combat contact arcing that is typical with large DC power applications.

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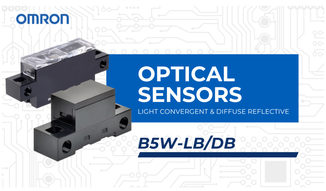
EE-SX/SY

Omron offers two Photomicrosensor technologies:
Omron's Transmissive Photomicrosensors operate by detecting objects when they pass through a light beam emitted from an aperture. These sensors are ideal for applications that require the detection of small objects or precise position sensing.

Omron's Reflective Photomicrosensors detect the presence/ absence of objects without a light-blocking plate. These enable simple, small-sized, low-profile equipment designs.

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OMRON **News**



OMRON's Optical Sensors

OMRON reflective sensors are electronic components designed to provide precision and reliable detection in a wide range of industrial and factory automation applications. The video highlights the B5W-LB and B5W-DB reflective sensors, emphasizing their key benefits and features. OMRON sensors ensure high-accuracy detection and robust performance, making them valuable components in application design.

Watch Here

Fresh On The Board - January 2025

fresh ON THE BOARD

As multifunctionality and high functionality become the norm, the demand for high-capacity equipment is on the rise. OMRON addresses this challenge by developing relays that efficiently suppress and dissipate heat, ensuring safety and reliability in high-capacity applications.

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OMRON Events



Driving the Evolution: Innovative Solutions for the Small Mobility Market

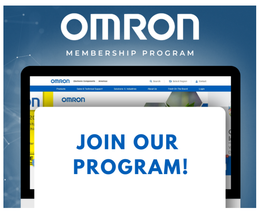
Join OMRON's webinar this March, where Sheldon Blackamore will discuss the current needs of the small mobility market, including forklifts, scissor lifts, golf carts, AGVs, lawnmowers, tractors, and e-bikes. Discover the latest power relays and sealed micro switches, and explore future technologies for more efficient and safe operations. OMRON will present solutions like high-power relays to reduce power consumption and increase reliability, sealed micro switches for high-performance controls, and innovative future solutions to enhance safety.

Register Here

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

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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