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OMRON

COMPONENT INSIDER

AUGUST 2024 EDITION

Hello [First Name] !

Thanks for reading the August 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**



G5NB-EL-CF

The G5NB-EL-CF relays are the latest addition to Omron's G5NB family, offering a compact PCB terminal relay solution designed for high-temperature (105°C) switching of 5A at 250VAC. These sealed, Class F coil relays have been tested to meet the requirements for enclosed break devices under IEC/EN60079-1, making them an excellent choice for switching applications in flammable gas environments.

Learn More



Photomicrosensor
EE-SX, EE-SY Series

The EE-SX and EE-SY series from OMRON are compact photomicrosensors tailored for precise object detection and position sensing. These sensors are highly durable, provide accurate position sensing, and respond swiftly to changes, making them ideal for dynamic environments. The EE-SX series utilizes a transmissive method, ideal for detecting small objects by interrupting a light beam, while the EE-SY series employs a reflective method, allowing for simpler and smaller equipment designs. They are designed with various connecting and mounting options, and their compact size makes them perfect for use in space-constrained settings. These capabilities make them suitable for diverse applications, including rotation detection in smart devices, non-contact switches in medical dispensers, passing detection in financial equipment, and origin detection in industrial machinery.

Learn More



Unsealed Switches
D3V, V, & SS series

Subminiature and miniature switches, such as the D3V, V, and SS series, are designed to offer high reliability and accuracy in various applications. These switches are designed to handle a significant number of operations, ranging from 50,000 to 500,000 cycles depending on the model and current rating. The dimensions of these switches are compact, making them suitable for applications where space is limited. Ideal for applications such as vending machines for item detection, pressure switches for air pressure monitoring, and office equipment for door status detection. These OMRON switch series ensure long-term durability and performance, making them a dependable choice for both standard and specialized application needs.

Learn More

OMRON **News**



Safety in Sensing: Sensor Technology in Smart Cities

Discover how sensor technology is revolutionizing urban living! From smart crosswalks that enhance pedestrian safety to advanced weather stations that provide real-time data for better city management, the integration of IoT and sensing technologies is making cities safer and more efficient. Learn about OMRON's innovative solutions, including body detection cameras and low-maintenance weather stations, and see how these advancements are shaping the future of smart cities.

Learn more

Fresh On The Board - August Edition

Relays play a crucial role in managing the inrush current in inverters when power is turned on. OMRON employs a range of analytical technologies to enhance the performance of relays suited for inverter management. By offering ideal relay solutions, we contribute to devices that provide a reliable base for societal infrastructure.

Learn more

Upcoming **OMRON Events**



Join OMRON on September 19th as we present in detail more about these devices and more, showcasing their advantages as well as impacts on various industries. OMRON realizes integration of sensing and IoT technologies in smart city development is not just about convenience and efficiency; it is fundamentally about creating safer, more resilient urban environments. Be sure to check out our website for more information!

Key Takeaways:

- Body tracking sensing modules for pedestrian safety
- IoT software for smart city connectivity
- Weather sensing for smart agriculture and data tracking

Event Details:
Date: Thursday, September 19th, 2024
Time: 11am CST/ 12pm EST

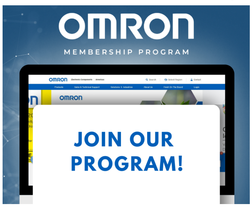
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Register Here

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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