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COMPONENT INSIDER

MAY 2026 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**



FPC/FFC Connectors

OMRON's FPC/FFC connectors, XF2M & XF3M series, simplify cable insertion by reducing the process from three steps to two, eliminating the need to release the slider before insertion. This streamlined design saves time and improves production efficiency, especially in high-volume manufacturing environments.

Learn More



G3VH

The G3VH is a high-load-voltage SiC MOSFET relay designed for wide-bandgap semiconductor test equipment, power semiconductor testers, and measuring instruments. It supports high voltage ratings up to 1,800V and 3,300V while delivering low ON resistance, high dielectric strength, and high-speed ON/OFF switching.

Learn More



G6K-T1

Omron's G6K series surface-mount relays are ideal for a wide range of applications, including test and measurement and factory automation, and now include either a high-temperature 1A model supporting up to 125°C or a 2A switching model.

Learn More

OMRON **News**



OMRON Introduces Detection Module for Clean Suit Environments

Specialized, compact module detects workers in protective garments to ensure safer human-robot interaction in cleanrooms. Read more about the HVC-P2 below.

Read More

Fresh On The Board - April 2026

OMRON contributes to both cost reduction and shortening of work time by providing products that allow for easy replacement of individual components.

Learn More

OMRON Events



Next Generation Microswitches: Integrating Resistors for Smart Fault Detection

This webinar introduces the integrated resistor technology, transforming simple switches into diagnostic devices. It covers the D2AW-R and D2EW-R families, highlighting mechanical compatibility, resistor configurations, and environmental ratings. The D2HW-R and D2AW-R series match existing outlines, enabling systems to output four distinct voltages for ON, OFF, short circuit, and disconnection states. The D2EW-R series features an ultra subminiature design, supporting multi-angle operation without a lever, with built-in resistors for fault detection in smart meters, safety boxes, and industrial robots.

Attendees will learn to implement four-state detection using a single analog input, set voltage thresholds for reliable detection, and explore economic benefits like reduced components, assembly time, and downtime. By the end, participants will understand how integrated resistors can transform microswitches into smart sensors.

Key Highlights:

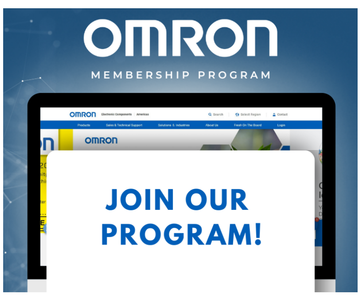
- Overview of D2AW-R and D2EW-R families.
- Economic benefits: reduced components, assembly time, and downtime.
- Guidance on implementing four-state detection.

WATCH ON-DEMAND

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...

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