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COMPONENT INSIDER

JULY 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**



SS

The OMRON SS Subminiature Basic Switch series is a top choice for applications requiring high reliability and security. With a wide range of models from 0.1A to 10.1A, these switches cater to diverse operational needs. Their robust design, featuring two split springs, ensures exceptional durability, with models capable of handling up to 30,000,000 mechanical operations and 200,000 electrical operations. For interlock applications, models with a 1 mm minimum contact gap provide reliable performance, and heat-resistant models can withstand temperatures up to 120°C, making them ideal for challenging environments. UL and CSA approvals guarantee compliance with international safety standards, and the versatile actuator types and terminal options, including solder, quick-connect, and PCB terminals, make integration into various devices and systems seamless.

Learn More



G2R Family

The OMRON G2R series of PCB power relays are designed for superior performance and reliability in various mid-current applications. Available in single-pole 10 A and double-pole 5 A configurations and can support both AC and DC switching. With an electrical lifespan of 100,000 operations, these relays are built to last. They are offered as flux-protected or fully sealed cases, ensuring resistance to varying levels of environmental contaminants, and feature both PCB and quick-connect terminals for assembly preference. UL recognized and EN/IEC, VDE certified, the G2R series is a trusted choice for FA, BA, industrial equipment, and power supply applications

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E8Y

The OMRON E8Y-L micropressure sensor with digital display is a top choice for precise and reliable pressure measurement. Its compact design (31 x 30 x 30 mm) saves valuable mounting space, and the easy-to-read red LED indicator ensures clear visibility of measured pressure and menu settings. Available in various pressure ranges from 0 to 200 Pa up to 0 to 5 kPa, this sensor is versatile and can be powered by a DC 12 to 24 V supply. EN and UL approvals guarantee safety and compliance with international standards, making it ideal for a wide range of indoor applications.

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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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OMRON **News**

Tech Briefs TV

OMRON Electronic Components are now featured on Tech Briefs TV, showcasing a range of cutting-edge solutions designed to elevate your application. The Tech Briefs TV is a quick and easy resource to find the technical specifications for OMRON relay, switches, connectors, and sensors. Tech Briefs TV highlights OMRON's commitment to innovation and quality, providing a platform to demonstrate how OMRON components can be the design solution in various application industries, such as automotive, healthcare, and consumer electronics.

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Fresh On The Board - June 2025

OMRON provides six different selection guides to assist you in quickly identifying the ideal product from our extensive range of electronic components. These guides are available in three formats: web pages, PDF files, and printed materials. Please select the format that best suits your needs.

Learn More

OMRON Events



Weathering the Challenge of Long-Range Data Communications

Weather and climate tracking tools are increasingly valuable in agriculture, Smart Cities, and meteorology. Weather stations equipped with LoRa communication protocols enable real-time, low-power, long-range data tracking. Industries are developing devices that collect climate data and integrate with IoT networks for seamless communication. In response to natural disasters, collaboration with climate studies groups is crucial for preparedness. Sensors provide real-time weather data to aid farmers, city planners, and ecologists. Omron's weather station, connected to LoRa networks, addresses these challenges.

Join OMRON and KS Technologies in a webinar discussing their collaboration on LoRa tools for climate data.

REGISTER HERE

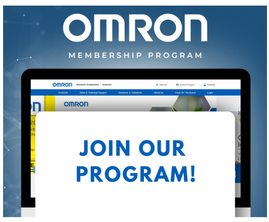
Key Highlights:

- IoT Communications & Climate Concerns
- Weather Tracking Solutions
- LoRa Connectivity

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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