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**



G9KC

This 4PST-NO relay supports multiple line disconnects in one package at voltages up to 480VAC. The G9KC's multiple pole feature is aimed towards 3-phase AC designs. The high capacity and low contact resistance characteristics make the G9KC ideal for EV Charging Stations (3-phase), PV inverters/power conditioners, as well as UPS systems. The low 6mΩ maximum contact resistance reduces the necessity for complex temperature designs and the inclusion of heat transfer devices due to low contact resistance as compared to similar relays. Auxiliary contact models are also available for a SPST-NC mirror contact, allowing reliable failure detection.

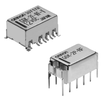
Learn More



Sealed Switches
D2VW, D2SW, & D2HW

Omron switches are expertly designed to cater to a wide range of applications and to also meet the demands of environments where exposure to water spray and dust is a common challenge. Available in miniature, subminiature, and ultraminiature sizes, these switches are perfect for environments where compactness is as crucial as performance. Their design ensures a robust seal against environmental elements, thereby extending their operational life and reliability. This durability is further certified by their compliance with IP67 standards, which guarantees protection against dust ingress and temporary immersion in water.

Learn More



G6K-RF

The G6K(U)-2F(P)-RF(-S,-T) is a compact, high-frequency relay optimized for 1-GHz and 3-GHz bands, making it ideal for applications requiring minimal signal interference. It boasts excellent high-frequency characteristics, such as a minimum isolation of 20 dB between contacts of the same polarity and 30 dB between different polarities, and a maximum insertion loss of 0.2 dB. The relay's small size (10.3 x 6.9 x 5.4 mm) and low power consumption (100 mW) enhance its suitability for high-density mounting on PCBs. It is offered in both single-side stable and single-winding latching models, with variations that include smaller footprints and new PCB terminal models.

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OMRON **News**



AC & DC High-Power Relay Solutions for the Energy Market

Dive into the world of energy solutions with OMRON's latest article, "AC & DC High-Power Relay Solutions for the Energy Market." The article highlights OMRON's pivotal role in propelling the energy sector forward by enhancing the performance and efficiency of clean energy equipment through cutting-edge relay technologies. OMRON, as a response to the problem of climate change is expanding its high-power relay offerings tailored for critical energy applications such as EV chargers, PV inverters, and energy storage systems. OMRON's latest webinar "AC & DC High-Power Relay Solutions for the Energy Market", discusses into further details about the relay solutions OMRON offers. The webinar will feature speakers Kyle Alberti and Zac Hendrix, who will explore how these new relay technologies can be integrated into energy applications to enhance efficiency and performance. You don't want to miss out on an opportunity to gain insights into the latest trends and solutions in relay technology for the energy sector.

Learn more

Fresh On The Board - July Edition

OMRON contributes to the miniaturization and high functionality of equipment by supplying components that enable detection in limited spaces and in harsh environments. Learn more about how we achieve that in this month's Fresh on the Board.

Learn more

Upcoming **OMRON Events**



Save the Date for OMRON's upcoming webinar this August to explore OMRON's extensive range of AC and DC relays designed for clean energy equipment, including electric vehicle (EV) chargers, photovoltaic (PV) inverters, and battery energy storage systems, all aimed at accelerating carbon neutrality.

Event Details:
Date: Tuesday, August 20th, 2024
Time: 11am CST/ 12pm EST

00 : 00 : 00 : 00
DAYS HOURS MINUTES SECONDS
Powered by CountdownMail

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

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