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OMRON

COMPONENT INSIDER

APRIL 2023 EDITION

Hello [First Name] !

Thanks for reading the April 2023 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**



G3VM-61VY4 & -351VY1

Omron expands its MOS FET product line with the addition of four new models:

- G3VM-61VY4 & G3VM-61VY4(TR05)
- G3VM-351VY1 & G3VM-351VY1(TR05)

These MOS FET relays offer greater capacity than previous high sensitivity MOS FET relay models. The 61VY4 and 351VY1 support 60V and 350V respectively, and both operate with less than 1mA of driving current. These models have an operating temperature range of -40 deg C to +85 deg. C.

Learn More



G9TA

This PCB-Type G9TA AC Power Latching Relay is an expansion that introduces a PCB terminal type for both single-winding and double-winding latching type coils. PCB terminals provide ease in assembling for production, as well as secure electrical connections.

Learn More



G9TB

The G9TB is Omron's highest power-latching relay. It can support switching up to 120A at 277VAC, making it ideal for low power consumption for high-power applications. Once the relay is latched, it is able to carry current continuously without powering the coil. These features are ideal for AC EV chargers to offer long-term charging with power conservation.

Learn More



B5WC

The B5WC color sensor offers reliable detection of changes and differences in color that can contribute to the automation of equipment. This color sensor emits light using a white LED as a light source and receives reflected light determined by the color of the detected object. The color sensor separates the received reflected light into red, green, and blue, and makes and output of red, green, and blue data (RGB data) using the I2C communication method.

Learn More

OKAO

OKAO is a software library of image-sensing functions to understand humans. It has the capability to process high detection and recognition performance at high speeds, all while utilizing a compact algorithm.

Learn More

EE-SX4330

This surface mount Photomicrosensor will be released later this month.



OMRON **News**



NEW MEMBER SPOTLIGHT

NABSA (North American Bikeshare Association) is a nonprofit organization aiming to create a more equitable and sustainable transportation ecosystem and providing resources, education, and advocacy within the micromobility industry. Recently, OMRON joined NABSA enabling more opportunities to network and collaborate with other members and the ability to provide the latest technology that encourages growth and creativity within the micromobility industry. The opportunity to provide solutions that align with OMRON's SF2030 vision of Shaping the Future by being partnered with NABSA is an exciting endeavor for all involved.

Learn More

Upcoming **OMRON Events**

OMRON'S 300A, 1000VAC PCB RELAY – G9KA-E



Please save the date to join Omron's G9KA-E webinar hosted by Digi-Key on Wednesday, May 24th to learn of the key benefits of this new high-power switching technology.

Omron will present:

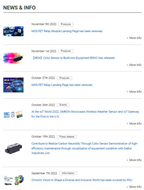
- An Overview of Omron's High Power AC/DC line-up
- The advanced switching technology of high 300A, 1000VAC G9KA-E Relay
- The advantage of low contact resistance relays for high power switching
- Common usage and value for Energy applications such as: PVI, ESS, UPS, and EV Charging

Registration Link Coming Soon!

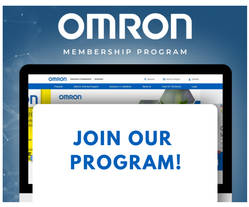
We're currently planning more webinars for 2023. Watch out for updates in Component Insider.

In the meanwhile, check out our events on-demand anytime on our YouTube channel.

View On-Demand Webinars



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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