

Omron Electronic Components: The Quality, Flexibility and Global Support You Need

An Experienced Partner

With over 70 years experience and 5.5 billion US dollars in sales, Omron is one of the world's largest suppliers of electronic controls and components. Our extensive investment in research, and our commitment to developing innovative products based on the latest technologies has established our position as a global market leader to the Appliance industry.

Quality First: Our Commitment, Your Benefit

Omron Quality is a mandate, not an option. We 100% test each product and examine every physical, mechanical, and electrical parameter on the manufacturing line before it leaves the factory. All products are fully RoHS compliant.

World Recognized Flexibility and Support

Omron offers over 300,000 products, product customization, and co-development options. We also provide a complete network of global and local sales and technical support to assist you from design to delivery.

For More Detailed Information...

Visit Us Online: www.components.omron.com

- Browse Omron's full range of Product information and selection guides.
- Download PDF's – datasheets, brochures, and more.
- Find Omron solutions for competitive products.
- Locate a Distributor and search for available inventory.

Call Us:

1-847-882-2288 Monday through Friday,
7:30 a.m. to 6:00 p.m. Central Time (CT)

Email Us:

components@omron.com

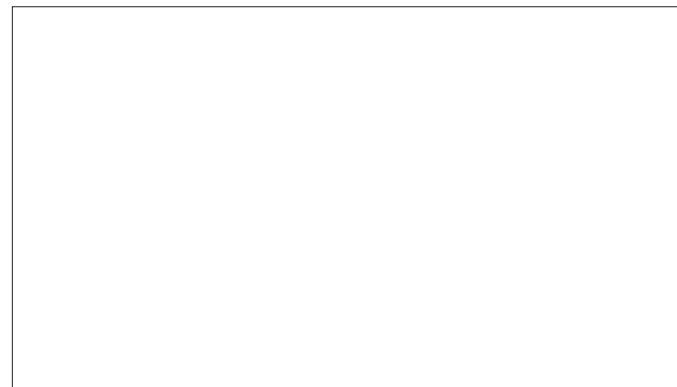
REQUIRED PRECAUTIONS

It is the buyer's sole responsibility to ensure that any omron product is fit and sufficient for use in a motorized vehicle application. Buyer shall be solely responsible for determining appropriateness of the particular product with respect to the buyer's application, end product, or system. Buyer shall take the application responsibility in all cases, but the following is a non-exhaustive list of applications for which particular attention must be given:

- Outdoor use; uses involving potential chemical contamination or electrical interference, or conditions or uses not described in this document.
 - Use in consumer products or any use in significant quantities.
 - Energy control systems, combustion systems, railroad systems, aviation systems, medical equipment, amusement machines, vehicles, safety equipment, and installations subject to separate industry or government regulations.
 - Systems, machines, and equipment that could present a risk to life or property.
- Never use the product for an application involving serious risk to life or property or in large quantities without ensuring that the end product as a whole has been designed to address relevant risks, and that the omron product is properly rated and installed for its intended use.

OMRON ELECTRONICS COMPONENTS LLC North and South America

55 Commerce Drive
Schaumburg, IL 60173



www.components.omron.com

Solutions for the Appliance Market Electronic Components



Switching, connectors, and control products for the Appliance market

Relays
Switches
Connectors
Touch Sensing ICs

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Solutions for the Appliance Market

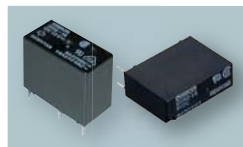
Omron Electronic Components LLC provides a variety of electronic component solutions throughout the entire Appliance Industry. Whether you are designing for the Residential or Commercial Markets, Omron has a solution for you. Providing quality-driven products and reliable support to satisfy the design needs of the Appliance Industry worldwide.

You can browse Omron's full range of electronic and electromechanical components at www.components.omron.com

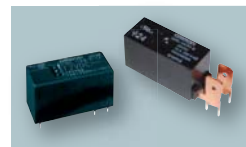


RELAYS

Omron, the #1 seller of relays worldwide, has a relay tailored to your power switching needs, including fully sealed versions.



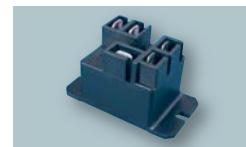
Power PCB Relays
G5Q/G5NB 3-10A
Compact, high isolation and efficient, low coil power consumption. RoHS compliant.



Power PCB Relays
G2RL/G2RL-1ATP 10-16A
Low profile; high isolation; low coil power consumption; Class F standard; sealed or vented construction; QC terminals - Rast 5 compatible (-1ATP version). RoHS compliant.



Power PCB Relays
G5LE/-E 10-16A
Small "sugar cube" size used as common platform; sealed construction versions are available; Class B standard with optional Class F. High capacity contacts are also available with the -E versions. RoHS compliant.



Power PCB Relays
G8PT 20-30A
Industry standard form; various sealing forms; Class F standard; QC terminals optional. RoHS compliant.

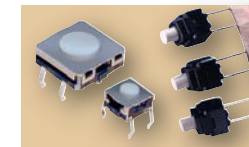


General Purpose
General power switching relays using an industry standard profile to provide several basic relay functions. Reliable switching from 1 mA to 15A and offering lockable test button, mechanical indicator, and standard faceplate.



Solid State Relays
Compact, low cost, Solid State Power switching. From 5-90A, silent and reliable, with extremely long life even in elevated temperatures."

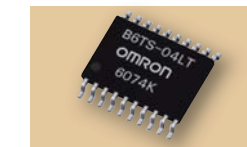
SWITCHES



Tactile Switches
Consistent switching characteristics offer excellent performance. Available with a wide variety of actuators, mounting styles, and switching capabilities.



Detection Switch
Sealed and unsealed snap-action switches are available with a variety of ratings, actuators and termination options. Sealed versions, rated to IP67 and IP50, are suitable for use in "wet" locations.



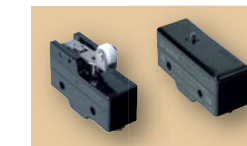
Touch Sensing ICs
"Application Ready", capacitive touch sensing ICs offer flexibility and freedom to *quickly* and completely design custom circuits. Simple-to-use Development tools are available.



Domes/Dome Arrays
Available as single point of contact Domes or customizable Arrays. Provides crisp, tactile feedback for panel designs when coupled with your overlay and PCB design.



Rocker Switches
Miniature Rocker Switch. Withstands inrush currents up to 100 A with a contact gap of 3mm minimum.



General Purpose Snap Action Switches
Omron's high precision basic switch comes in a variety of styles. Snap action switches are available in general purpose and drip-proof types.

CONNECTOR



FPC Connectors
The smallest and most reliable fine pitch cable connectors will offer you the design flexibility needed to maximize space and provide secure connections, using Omron's patented Rear Locking Mechanism

- Relays
- Switches
- Connector