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

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Call Us:
1-847-882-2288 Monday through Friday, 8:00 a.m. to 5:00 p.m. Central Time (CT)
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components@omron.com

OMRON ELECTRONIC COMPONENTS LLC
55 Commerce Drive, Schaumburg, IL 60173 U.S.A.

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MEMS Flow Sensors
Bypass Style Flow Sensors
D6F-P
D6F-DL/DA
D6F-55
D6F-10, 20, 50
In-Line Style Flow Sensors
D6F-01/02, D6F-05, D6F-10/20/50

Fuel Cell System

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Omron Electronic Components LLC provides a variety of advanced switching and sensing component solutions for the Solar Power Industry. Whether you are designing for the Consumer electronics, Mobile Power, Residential or Commercial Markets, Omron has a solution for you. Through a mix of manufacturing and technological skills Omron makes reliable, replaceable electromechanical components. Providing global and local networks of technical and sales support from design through delivery.

**Solar Power**

**Concentrating Solar Power (CSP)**

**DC Power Relays**

**G4A**
High Capacity, 20 A Relay @ 250 VAC 100K Cycles. UL, CSA, and VDE approved.

**G8P Power PCB**
Power Relay, Wide Operating Temperature, PCB or Flange Mount, up to 30A Switching Capacity.

**G7L**
Panel Mount type switches 30A 1FormA and 25A 2FormA Resistive @220 VAC while PCB type switches 20A.

**G7J Relay**
A High-capacity, High-dielectric-strength, Multi-pole Relay Used Like a Contactor, 25A @ 220 VAC.

**G7Z Relay**
Multi-pole Power Relay for Contactor Current Range Capable of Carrying and Switching 40 A at 440 VAC.

**J7KN Relay**
3-4 Pole Motor Contactors with power range from 4kW to 110kW.

**DC Power Relay G9E-B,A,C**
Features:
Sealed switching, gas cooled arc, magnetic arc control, safe, reliable design.

- Switching capacities: 25A @ 250 VDC, 60A @600 VDC, 200A @ 650 VDC, respectively in order as appearing above.

**Benefits:**
- Space saving, no arc space required, cycle – 50% lower operating noise, contact – 70%, less switch, power rating – 30% less power consumption.

**Photovoltaic (PV)**

**DC Charge Controller**

**PV Inverters**

**Industrial Relays**
30kW – Up

**Limit Switches**

**Sealed Detection Switches**

- **D2SW** Contact ratings of 3A @ 125 VAC or 0.1A @ 30 VDC
- **D2HW** Contact ratings of 0.1A @ 125 VAC to 2A @ 12 VDC
- **D2VW** Contact ratings of 5A @ 250 VAC or 0.1A @ 30 VDC

Sealed snap-action switches are available with a variety of ratings, actuators and terminations options. These models are rated to IP67 and IP50, are suitable for use in “wet” locations.

**G6A**
High Capacity, 2A Relay @ 250 VAC/100K Cycles. UL, CSA, and VDE approved.

**G6P Power PCB**
Power Relay, Wide Operating Temperature, PCB or Flange Mount up to 10A Switching Capacity.

**G7L**
Panel Mount type switches 20A, 1FormA and 25A 2FormA Resistive @220 VAC while PCB type switches 20A.

**G7N Relay**
A High-capacity, High-dielectric-strength, Multi-pole Relay Used Like a Contactor, 25A @ 220 VAC.

**G7Z Relay**
Multi-pole Power Relay for Contactor Current Range Capable of Carrying and Switching 40 A at 440 VAC.

**J7KN Relay**
3-4 Pole Motor Contactors with power range from 4kW to 110kW.

**Concentrated Photovoltaic (CPV)**

**High Concentrated Photovoltaic (HCPV)**

**Photo courtesy of eSolar**

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Solar Power

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