

Fuel Cell

Micro Fuel Cell



MEMS Flow Sensors



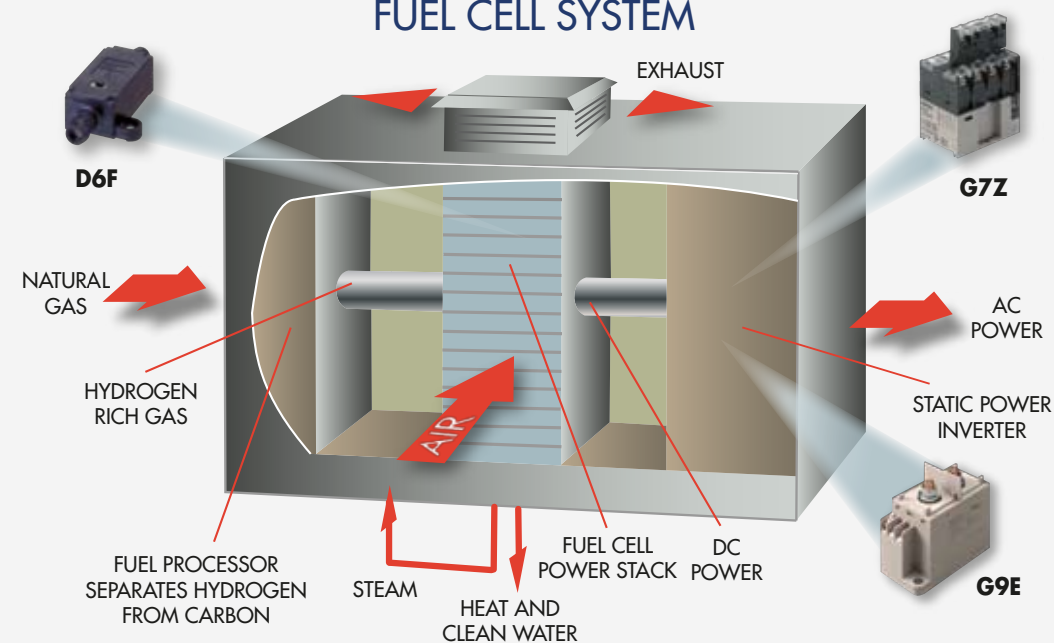
Bypass Style Flow Sensors

D6F-P
1 LPM Flow Sensors with integrated dust segregation system, can be used in a bypass setup to measure flow rates over 200 LPM. Great alternative to differential pressure sensors, for better low flow resolution.

In-line Style Flow Sensors

D6F-01/02, D6F-05, D6F-10/20/50
Mass Flow Sensors for 1 LPM up to 50 LPM incorporate a series of inlet screens ensuring an even laminar flow across the sensing element.

FUEL CELL SYSTEM



Stationery Fuel Cell



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components@omron.com

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

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Fuel Cells



Solar



Switching, sensing and other products
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Relays
Sensors
Switches

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Solar Power

Concentrating Solar Power (CSP)



Photo courtesy of eSolar

Sealed Detection Switches



D2SW D2HW D2VW

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

- 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

DC Charge Controller

DC Power Relays



G9E-B G9E-A G9E-C

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 @400 VDC, 200A @ 400 VDC, respectively in order as appearing above.
- Benefits:**
Space saving, no arc space required, quite – 50% lower operating noise, compact – 70% less volume, power saving – 30% less power consumption.



Solar Charge Controller



Charge Controller

Photovoltaic (PV)



Power PCB Relays

(Homes, Small Building) 1–10kW



G4A G8P G7L

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

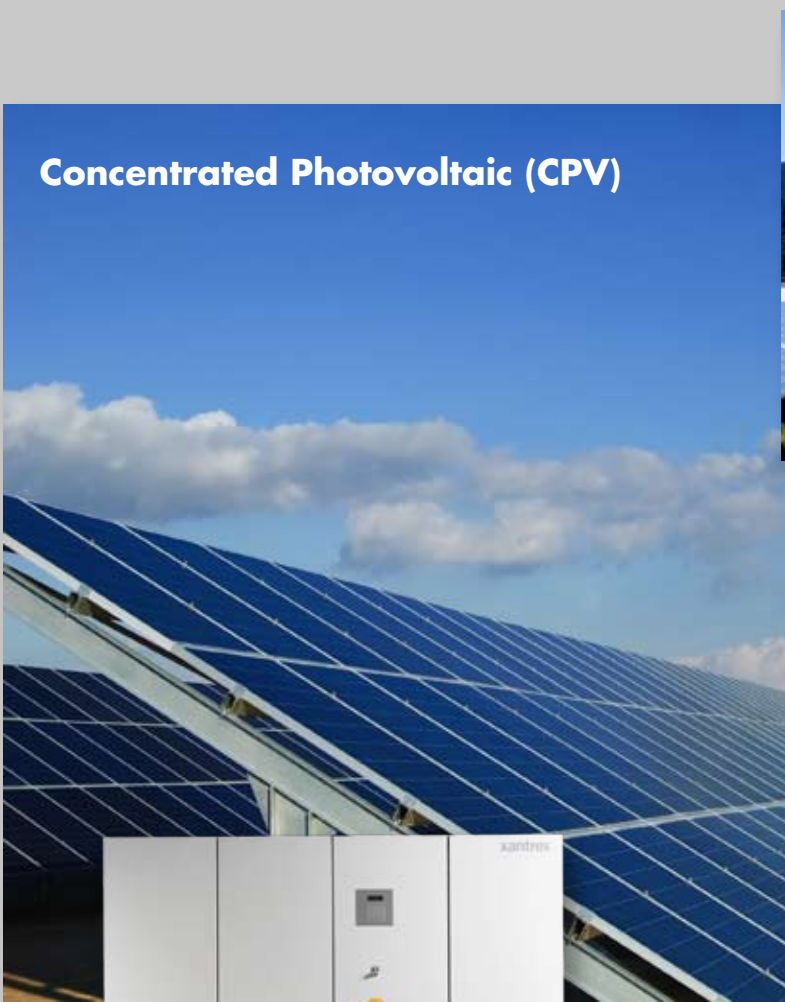
G8P Power PCB
Power Relay, Wide Operating Temperature, PCB or Flange Mount, up to 30A Switching Capacity.

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



PV Inverter

Concentrated Photovoltaic (CPV)



PV Inverter

Industrial PV Inverter

Industrial Relays

30kW – Up



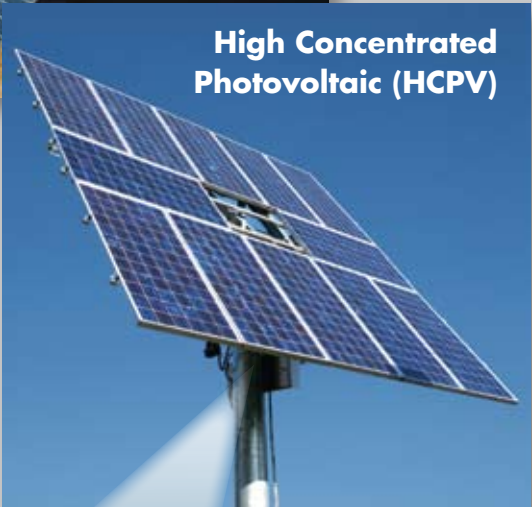
G7J G7Z J7KN

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.

High Concentrated Photovoltaic (HCPV)



Limit Switches



D4A

D4A
Die-cast Limit Switch offering a variety of actuator options. Includes double seal model. Capable of Switching 10A @ 480 VAC.

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, replicable electromechanical components. Providing global and local networks of technical and sales support from design through delivery.