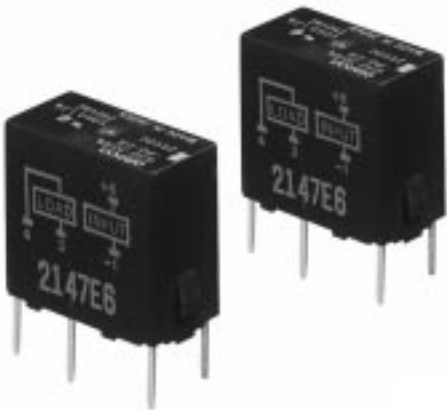


Solid-state Relay

G3S/G3SD

Ultra-small Relay Breaks up to 1 A

- Ultra-small, dual in-line package (DIP) SSR.
- Terminals compatible with G6B Electromagnetic Relay's. Mix with G6Bs as the application requires.
- Close side-by-side mounting possible. In addition, heat sink dedicated to this mounting style also available.
- Both AC- and DC-load versions available.
- High isolation of 2,500 VAC between input and output freeing inputs from noise surge generated in the load.
- Built-in varistor effectively absorbs external surges.



Ordering Information

Isolation	Zero cross function	Indicator	Applicable output load	Rated input voltage	Model
Phototriac	No	No	1 A at 75 to 264 VAC (see note 1)	5 VDC	G3S-201PL-US
				12 VDC	
				24 VDC	
			1.2 A at 75 to 264 VAC (see note 1)	5 VDC	G3S-201PL-PD-US
				12 VDC	
				24 VDC	
Photocoupler			1 A at 3 to 26 VDC (see note 2)	5 VDC	G3SD-Z01P-US
				12 VDC	
				24 VDC	
			1.1 A at 3 to 26 VDC (see note 2)	5 VDC	G3SD-Z01P-PD-US
				12 VDC	
				24 VDC	

Note: 1. Product is labelled “250 VAC”.
2. Product is labelled “24 VDC”.

Accessories (Order Separately)

Heat Sink

Heat Sink	Y92B-S08N
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See “Dimensions” for details.

Connecting Socket

Connecting Socket	P6B-04P
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See “Dimensions” for details.

Specifications

Ratings

Input

Rated voltage	Operating voltage	Impedance		Voltage level	
		G3S-201PL/201PL-PD	G3S-Z01P/Z01P-PD	Must operate voltage	Must release voltage
5 VDC	4 to 6 VDC	450 W+20%	630 W+20%	4 VDC max.	1 VDC min.
12 VDC	9.6 to 14.4 VDC	1.1 kW+20%	1.5 kW+20%	9.6 VDC max.	
24 VDC	19.2 to 28.8 VDC	2.2 kW+20%	2.8 kW+20%	19.2 VDC max.	

Note: Each models has 5-VDC, 12-VDC, and 24-VDC input versions.