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[Http://www.100y.com.tw](http://www.100y.com.tw)

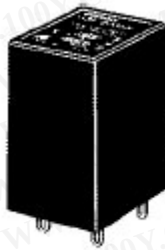


G3F/G3FD Solid-State Relay

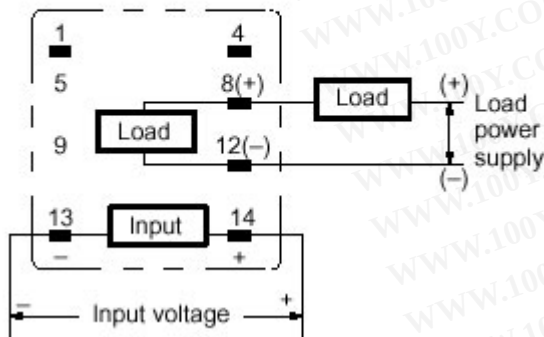
Plug-in Type Power Relays (Same as the MY Series)

- Sizes and terminal arrangements are the same as OMRON MY-series Power Relays. The same Sockets are also used.
- DC-AC, DC-DC, AC-AC, AC-DC Types.
- Operating indicator provided.

Dimensions



Terminal Arrangement/ Internal Connections (Bottom View)



Specifications

Characteristics

Item	G3F-203SN G3F-202SN G3F-203S	G3F-203SLN G3F-203SL	G3FD-X03SN G3FD-X03S	G3FD-102SN	G3FD-102S
Operate time	1/2 of load power source cycle + 1 ms max. (DC input) 3/2 of load power source cycle + 1 ms max.	1 ms max.	0.5 ms max.	0.5 ms max. (DC input) 20 ms max. (AC input)	0.5 ms max.
Release time	1/2 of load power source cycle + 1 ms max. (DC input) 3/2 of load power source cycle + 1 ms max. (AC input)	1/2 of load power source cycle + 1 ms max.	2 ms max.	2.5 ms max. (DC input) 20 ms max. (AC input)	2.5 ms max.
Output ON voltage drop	1.6 V (RMS) max.		1.5 V max.		
Leakage current	5 mA max. (at 100 VAC) 10 mA max. (at 200 VAC)	2.5 mA max. (at 100 VAC) 5 mA max. (at 200 VAC)	5 mA max. (at 50 VDC)	1 mA max. (at 100 VDC)	0.1 mA max. (at 100 VDC)
Insulation resistance	100 MΩ min. (at 500 VDC)				
Dielectric strength	1,500 VAC, 50/60 Hz for 1 min				
Vibration resistance	Malfunction: 10 to 55 Hz, 1.5-mm double amplitude				
Shock resistance	Malfunction: 1,000 m/s ²				
Ambient temperature	Operating: -30°C to 80°C (with no icing or condensation) Storage: -30°C to 100°C (with no icing or condensation)				
Ambient humidity	Operating: 45% to 85%				
Weight	Approx. 50 g				