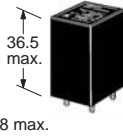

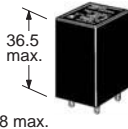



Classification		Socket mounting type				
Model	G3F/G3FD					
	G3F-203SN-VD	G3F-203S-VD	G3F-203SLN-VD	G3F-203SL-VD	G3F-202SN-VD	
Appearance and dimensions (W x H x D) (mm)						
Features		Compatible with OMRON's MY (general-purpose relay)				
Output	Insulation	Photocoupler		Phototriac		Photocoupler
	Element	Triac	Triac	Triac	Triac	Triac
	Load voltage	75 to 264 VAC				
	Maximum switching current	3 A				2 A
	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 100 VAC 10 mA max. at 200 VAC
	$V_{DRM}$ , $V_{CEO}$ , $V_{DS}$ (V)	600 ( $V_{DRM}$ )				
	$di/dt$ (A/ $\mu$ s)	50				
	$dv/dt$ (V/ $\mu$ s)	250				
	$I^2t$ (A <sup>2</sup> s)	18				
	$T_j$ (°C) max.	125				
Rated input voltage	5 to 24 VDC	4 to 24 VDC	5, 12, 24 VDC		100/110 VAC, 200/220 VAC	
Reverse polarity protection for input	Yes (-28 VDC max.)		Yes (5 VDC: -6 VDC max.; 12 VDC: -14.4 VDC max.; 24 VDC: -28.8 VDC max.)		---	
Dielectric strength (between input and output terminals)	1,500 VAC, 50/60 Hz for 1 min					
Ambient temperature (operating)	-30° to 80°C (with no icing or condensation)					
Function	Zero cross	Yes		No		Yes
	Operation indicator	Yes	No	Yes	No	Yes
	Built-in varistor	No				
Terminal type	Plug-in	Yes				
	Screw	No				
	Tab	No				
	PCB	No				
	Mounting method	Socket mounting				
Magnet relay with compatible terminals	MY 					
Certified standards	UL, CSA, VDE, CE					
Socket	PYF08A, PY08, PY08-02, PY08QN(2), PYF08A-E					
Weight	Approx. 50 g					
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- Note:**
1.  $V_{DRM}$ : Repetitive forward and reverse OFF-state voltage  
 $V_{CEO}$ : Collector-emitter voltage  
 $V_{DS}$ : Drain-source voltage
  2. The above values are engineering data (reference values) for each output semiconductor incorporated by the respective SSRs.
  3. The selection guide tables provide only specific specifications. Check the detailed specifications and read the precautions in the datasheets later in this catalog before attempting to use a product.

Classification		Socket mounting type			
Model	G3F/G3FD				
	G3FD-X03SN-VD	G3FD-X03S-VD	G3FD-102SN-VD	G3FD-102S-VD	
Appearance and dimensions (W x H x D) (mm)					
Features		Compatible with OMRON's MY (general-purpose relay)			
Output	Insulation	Photocoupler			
	Element	Transistor	Transistor	Transistor	Transistor
	Load voltage	3 to 52.8 VDC		3 to 125 VDC	
	Maximum switching current	3 A		2 A	
	Leakage current	5 mA max. at 50 VDC		0.1 mA max. at 100 VDC	
	V <sub>DRM</sub> , V <sub>CEO</sub> , V <sub>DS</sub> (V)	80 (V <sub>CEO</sub> )		200 (V <sub>DRM</sub> )	
	di/dt (A/μs)	---			
	dv/dt (V/μs)	---			
	I <sup>2</sup> t (A <sup>2</sup> s)	---			
	T <sub>j</sub> (°C) max.	150			
Rated input voltage	5 to 24 VDC	4 to 24 VDC	5 to 24 VDC, 100/110 VAC, 200/220 VAC	4 to 24 VDC	
Reverse polarity protection for input	Yes (-28 VDC max.)		Yes (5 to 24 VDC: -28 VDC max.; AC input: ---)	Yes (-28 VDC max.)	
Dielectric strength (between input and output terminals)	1,500 VAC, 50/60 Hz for 1 min				
Ambient temperature (operating)	-30° to 80°C (with no icing or condensation)				
Function	Zero cross	No			
	Operation indicator	Yes	No	Yes	No
	Built-in varistor	No			
Terminal type	Plug-in	Yes			
	Screw	No			
	Tab	No			
	PCB	No			
	Mounting method	Socket mounting			
Magnet relay with compatible terminals	MY 				
Certified standards	UL, CSA, VDE, CE				
Socket	PYF08A, PY08, PY08-02, PY08QN(2), PYF08A-E				
Weight	Approx. 50 g				
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1. V<sub>DRM</sub>: Repetitive forward and reverse OFF-state voltage  
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