

### The Best Seller G2R



- 1 General purpose power Relays of single-pole 10 A and double-pole 5 A.
- Safety-oriented design with dielectric strength of 5,000 V between coil and contacts, and surge resistance of 10,000 V.
- AC and DC types are both available for operational coils.

**RoHS Compliant**



### Model Number Legend

G2R-□-□□□□-□□  
 1 2 3 4 5 6 7

#### 1. Relay Function

- None: Single-side stable
- K : Double-winding latching

#### 2. Number of poles

- 1: 1-pole
- 2: 2-pole

#### 3. Contact Form

- None: NO/NC
- A : NO

#### 4. Contact Type

- None: Single
- Z : Bifurcated contact

#### 5. Enclosure rating

- None: Flux protection (T-type is an enclosed relay)
- 4 : Fully sealed

#### 6. Terminal Shape

- None: PCB terminals
- T : Quick-connect (upper bracket mounting #187)

#### 7. Classification

- None: Standard
- E : High-capacity
- H : High-sensitivity
- U : For ultrasonically cleanable
- Z : Full-wave rectifier

G  
2  
R

### Model Configuration

Terminal Shape	Classification	Number of poles		1-pole		2-pole		Minimum packing unit
		Enclosure rating	Contact form	SPST-NO (1a)	SPDT (1c)	DPST-NO (2a)	DPDT (2c)	
PCB terminals	Standard	Flux protection	AC	G2R-1A	G2R-1	G2R-2A	G2R-2	100 pcs/tray
			DC					
		Fully sealed	AC	G2R-1A4	G2R-14	G2R-2A4	G2R-24	
			DC					
	Bifurcated contact	Flux protection	AC	G2R-1AZ	G2R-1Z	-	-	50 pcs/tray
			DC					
	Fully sealed	Flux protection	AC	G2R-1AZ4	G2R-1Z4	-	-	
			DC					
	High-capacity	Flux protection	AC	G2R-1A-E	G2R-1-E	-	-	100 pcs/tray
			DC					
High-sensitivity	Flux protection	AC	G2R-1A-H	G2R-1-H	G2R-2A-H	G2R-2-H		
		DC						
Double-winding latching	Flux protection	AC	G2RK-1A	G2RK-1	G2RK-2A	G2RK-2	50 pcs/tray	
		DC						
Quick-connect	Standard	Unsealed	AC	G2R-1A-T	G2R-1-T	-	-	100 pcs/tray
			DC					

Note 1. Full-wave rectifier and supersonic cleaner compatible models are also available. Refer to page 3.  
 2. Sockets for PCB terminal models are not provided.

## Ordering Information

### PCB Terminal Models

Classification	Enclosure rating	Number of poles Contact form	1-pole		2-pole		
			Model	Rated coil voltage	Model	Rated coil voltage	
Standard	Flux protection	NO	G2R-1A	12, 24, 100/(110) VAC	G2R-2A	12, 24, 100/(110) VAC	
				200/(220) VAC		200/(220) VAC	
				5, 6, 12, 24, 48 VDC		5, 6, 12, 24, 48 VDC	
				100 VDC		100 VDC	
	NO/NC	G2R-1	G2R-2	12, 24, 100/(110) VAC	12, 24, 100/(110) VAC		
				200/(220) VAC	200/(220) VAC		
				5, 6, 12, 24, 48 VDC	5, 6, 12, 24, 48 VDC		
				100 VDC	100 VDC		
	Fully sealed	NO	G2R-1A4	12, 24, 100/(110) VAC	G2R-2A4	12, 24, 100/(110) VAC	
				200/(220) VAC		200/(220) VAC	
				5, 6, 12, 24, 48 VDC		5, 6, 12, 24, 48 VDC	
				100 VDC		100 VDC	
NO/NC	G2R-14	G2R-24	12, 24, 100/(110) VAC	12, 24, 100/(110) VAC			
			200/(220) VAC	200/(220) VAC			
			5, 6, 12, 24, 48 VDC	5, 6, 12, 24, 48 VDC			
			100 VDC	100 VDC			
High-sensitivity	Flux protection	NO	G2R-1A-H	5, 6, 12, 24, 48 VDC	G2R-2A-H	5, 6, 12, 24, 48 VDC	
		NO/NC	G2R-1-H	5, 6, 12, 24, 48 VDC	G2R-2-H	5, 6, 12, 24, 48 VDC	
		Double-winding latching	NO	G2RK-1A	5, 6, 12, 24 VDC	G2RK-2A	5, 12, 24 VDC
			NO/NC	G2RK-1	5, 6, 12, 24 VDC	G2RK-2	5, 6, 12, 24 VDC
Bifurcated contact	Flux protection	NO	G2R-1AZ	12, 24, 48 VDC	-	-	
		100 VDC					
	Fully sealed	NO	G2R-1AZ4	5, 12, 24, 48 VDC			
		100 VDC					
High-capacity	Flux protection	NO	G2R-1A-E	12, 24, 100/(110) VAC	-	-	
				200/(220) VAC			
				5, 6, 12, 24, 48 VDC			
				100 VDC			
NO/NC	G2R-1-E	G2R-1-E	12, 24, 100/(110) VAC	-	-		
			200/(220) VAC				
			5, 6, 12, 24, 48 VDC				
			100 VDC				

Note: When ordering, add the rated coil voltage to the model number.

Example: G2R-1A AC12

Rated coil voltage

However, the notation of the coil voltage on the product case as well as on the packing will be marked as □□ VAC.