

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	G2R-1A4	G2R-14	G2R-2A4	G2R-24	
		Fully sealed	AC					
			DC	G2R-1AZ4	G2R-1Z4	-	-	
	High-capacity	Flux protection	AC	G2R-1A-E	G2R-1-E	-	-	100 pcs/tray
			DC	G2R-1A-H	G2R-1-H			
	High-sensitivity	Flux protection	DC			G2RK-1A	G2RK-1	G2RK-2A
			DC	G2R-1A-T	G2R-1-T			
	Double-winding latching	Flux protection	DC			G2R-1A-T	G2R-1-T	-
			DC	G2R-1A-T	G2R-1-T			
Quick-connect	Standard	Unsealed	AC			G2R-1A-T	G2R-1-T	-
			DC	G2R-1A-T	G2R-1-T			

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	12, 24, 100/(110) VAC	G2R-2	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	12, 24, 100/(110) VAC	G2R-24	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			
		NO/NC	G2R-1Z	5, 6, 12, 24, 48 VDC			
	100 VDC						
	Fully sealed	NO	G2R-1AZ4	5, 12, 24, 48 VDC		-	
				100 VDC			
NO/NC		G2R-1Z4	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	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.