

The Best Seller G2R

- 1General purpose power Relays of single-pole10 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)	
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	DC	G2R-1AZ	G2R-1Z	—	—	50 pcs/tray	
		Fully sealed		G2R-1AZ4	G2R-1Z4	—	—		
	High-capacity	Flux protection	AC	G2R-1A-E	G2R-1-E	—	—	100 pcs/tray	
			DC						
High-sensitivity	Flux protection	DC	G2R-1A-H	G2R-1-H	G2R-2A-H	G2R-2-H			
Double-winding latching	Flux protection	DC	G2RK-1A	G2RK-1	G2RK-2A	G2RK-2	50 pcs/tray		
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	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	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.