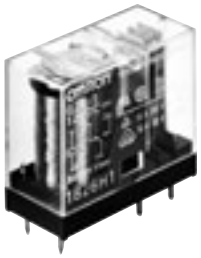
G2R
PCB Power Relay

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

■Model Configuration

Terminal Shape	Classification	Enclosure rating	Contact form	1-pole SPST-NO (1a)	1-pole SPDT (1c)	2-pole DPST-NO (2a)	2-pole DPDT (2c)	Minimum packing unit
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 Model	1-pole Rated coil voltage	2-pole Model	2-pole 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.