

G8P

PCB Power Relay

Up to 30 A switching capacity in compact package. 2.0 mm contact gap type available (G8P-1A4P-BG)

- Available with quick-connect contact terminals for easy load connecting with either QC or PCB coil terminals.
- UL Class F coil insulation standard.
- Minimum 6 kV Impulse Surge Withstand.
- Standard model conforms to UL/CSA standards.
- VDE approved.
- NEW G8P-1A4P-BG (Special type)
2.0 mm contact gap, high dielectric strength 4,000VAC.



RoHS Compliant

Model Number Legend

G8P-□□□□-□-□
1 2 3 4 5 6

- | | | |
|---|--|--|
| <p>1. Number of poles
1: 1-pole</p> <p>2. Contact Form
A: SPST-NO (1a)
C: SPDT (1c)</p> | <p>3. Enclosure rating
None: Open frame
2: Unsealed (Vented)
4: Fully sealed (Sealed with ventable nib)</p> <p>4. Terminal Shape
P: PCB terminals
T: Quick-connect terminals (#250 terminals for contacts and #187 terminals for coil)
TP: PCB & Quick-connect terminals (#250 terminals) and straight PCB for contacts, and straight PCB for coil</p> | <p>5. Mounting
None: PCB mounting
F: Flanged mounting</p> <p>6. Special
BG: 2.0 mm contact gap</p> |
|---|--|--|

Application Examples

- Ideal for home and industrial appliances
- HVAC (heating, ventilating, and air conditioning)
- Solar Inverter
- Many other applications

Ordering Information

Classification	Relay Function	Terminal Shape	Contact form	Enclosure rating	Model	Rated coil voltage	Minimum packing unit
Standard	Single-side Stable	PCB terminals	SPST-NO (1a)	Open frame	G8P-1AP	5VDC 9VDC 12VDC 24VDC 48VDC 110VDC (-BG: 12VDC, 24VDC)	50 pcs/tray
				Sealed with ventable nib	G8P-1A4P-BG		
			SPDT (1c)	Open frame	G8P-1CP		
				Sealed with ventable nib	G8P-1C4P		
		PCB & Quick connect terminals	SPST-NO (1a)	Open frame	G8P-1ATP		
				Sealed with ventable nib	G8P-1A4TP		
			SPDT (1c)	Open frame	G8P-1CTP		
				Sealed with ventable nib	G8P-1C4TP		
		Quick-contact terminals	SPST-NO (1a)	Vented	G8P-1A2T-F		
			SPDT (1c)	Vented	G8P-1C2T-F		

Note: When ordering, add the rated coil voltage to the model number.
Example: G8P-1AP 12 VDC
Rated coil voltage