

# 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

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|---|--|--|
| <p><b>1. Number of poles</b><br/>1: 1-pole</p> <p><b>2. Contact Form</b><br/>A: SPST-NO (1a)<br/>C: SPDT (1c)</p> | <p><b>3. Enclosure rating</b><br/>None: Open frame<br/>2: Unsealed (Vented)<br/>4: Fully sealed (Sealed with ventable nib)</p> <p><b>4. Terminal Shape</b><br/>P: PCB terminals<br/>T: Quick-connect terminals (#250 terminals for contacts and #187 terminals for coil)<br/>TP: PCB &amp; Quick-connect terminals (#250 terminals) and straight PCB for contacts, and straight PCB for coil</p> | <p><b>5. Mounting</b><br/>None: PCB mounting<br/>F: Flanged mounting</p> <p><b>6. Special</b><br/>BG: 2.0 mm contact gap</p> |
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### 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		
					G8P-1A4P		
			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

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