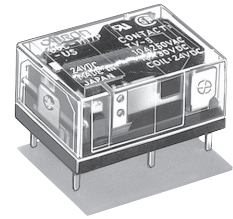
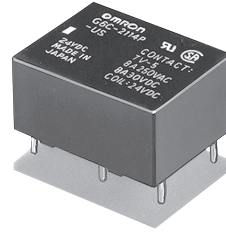


G6C

PCB Power Relay

Miniature High Capacity Relays with SPST-NO 10A and SPST-NO + SPST-NC 8A

- SPST-NO 10A and SPST-NO + SPST-NC 8A for power switching and output that satisfy the needs for space-saving.
- Small High-capacity Relays Compact: 20 × 15 × 10 mm (L × W × H).
- Low power consumption: 200 mW.
- Ultrasonically cleanable models is available.
- Exclusive P6C model for sockets is now available.



RoHS Compliant

Model Number Legend

G6C- - - - - -

1 2 3 4 5 6 7 8 9

1. Relay Function

- None: Single-side stable
- U : Single-winding latching
- K : Double-winding latching

2. Contact Form

- 11: SPST-NO (1a)
- 21: SPST-NO (1a) + SPST-NC (1b)

3. Contact Type

- 1: Single

4. Enclosure rating

- 4: Fully sealed
- 7: Flux protection

5. Terminal Shape

- P: PCB terminals
- : Socket mounting Terminals
- C: Self-clinching PCB

6. Contact Material

- None: Standard (Ag-alloy (Cd free))
- FD : AgSnIn Contacts
(Suitable for DC inductive load with high inrush current)

7. Approved Standards

- US: UL/CSA

8. Washability

- None: Standard model
(not compatible with ultrasonically cleanable models)
- U : For ultrasonically cleanable

9. Mounting

- None: Mounted directly to PCB
- P6C : Mounted to Socket

Application Examples

Ideal for output applications of control equipments

G
6
C

Ordering Information

Standard Models (UL, CSA certified)

Enclosure rating	Contact form	Relay Function Terminals	Single-side stable		Single-winding latching		Double-winding latching		Minimum packing unit
			Model	Rated coil voltage	Model	Rated coil voltage	Model	Rated coil voltage	
Flux protection	SPST-NO (1a)	Straight PCB	G6C-1117P-US	3 VDC	G6CU-1117P-US	3 VDC	G6CK-1117P-US	3 VDC	100 pcs/ tray
				5 VDC		5 VDC		5 VDC	
				6 VDC		-		6 VDC	
				12 VDC		12 VDC		12 VDC	
				24 VDC		24 VDC		24 VDC	
				5 VDC		-		-	
		G6C-1117P-FD-US	G6CU-1117P-FD-US	G6CK-1117P-FD-US	12 VDC	12 VDC	12 VDC		
					24 VDC	24 VDC	-		
					3 VDC	-	-		
					5 VDC	-	-		
					12 VDC	-	12 VDC		
					24 VDC	-	24 VDC		
	Self-clinching PCB	G6C-1117C-US	-	-	3 VDC	-	-	3 VDC	
					5 VDC	-	-	5 VDC	
					12 VDC	-	-	12 VDC	
					24 VDC	-	-	24 VDC	
					3 VDC	-	-	3 VDC	
					5 VDC	-	-	5 VDC	
	SPST-NO (1a) + SPST-NC (1b)	Straight PCB	G6C-2117P-US	G6CU-2117P-US	G6CK-2117P-US	3 VDC	3 VDC	3 VDC	
						5 VDC	5 VDC	5 VDC	
						6 VDC	6 VDC	6 VDC	
						12 VDC	12 VDC	12 VDC	
						24 VDC	24 VDC	24 VDC	
						5 VDC	-	5 VDC	
G6C-2117P-FD-US		G6CU-2117P-FD-US	G6CK-2117P-FD-US	12 VDC	12 VDC	-			
				24 VDC	24 VDC	24 VDC			
				3 VDC	-	3 VDC			
				5 VDC	-	5 VDC			
				12 VDC	-	12 VDC			
				24 VDC	-	24 VDC			
Self-clinching PCB	G6C-2117C-US	G6CU-2117C-US	G6CK-2117C-US	3 VDC	-	-	3 VDC		
				5 VDC	-	-	5 VDC		
				6 VDC	-	-	-		
				12 VDC	-	-	12 VDC		
				24 VDC	-	-	24 VDC		
				3 VDC	-	-	3 VDC		

Enclosure rating	Contact form	Relay Function Terminals	Single-side stable		Single-winding latching		Double-winding latching		Minimum packing unit
			Model	Rated coil voltage	Model	Rated coil voltage	Model	Rated coil voltage	
Fully sealed	SPST-NO (1a)	Straight PCB	G6C-1114P-US	3 VDC	G6CU-1114P-US	3 VDC	G6CK-1114P-US	3 VDC	100 pcs/ tray
				5 VDC		5 VDC		5 VDC	
				6 VDC		6 VDC		6 VDC	
				12 VDC		12 VDC		12 VDC	
				24 VDC		24 VDC		24 VDC	
				5 VDC		-		5 VDC	
		G6C-1114P-FD-US	G6CU-1114P-FD-US	G6CK-1114P-FD-US	12 VDC	12 VDC	12 VDC		
					24 VDC	24 VDC	24 VDC		
					3 VDC	-	3 VDC		
					5 VDC	-	5 VDC		
					12 VDC	-	12 VDC		
					24 VDC	-	24 VDC		
	Self-clinching PCB	G6C-1114C-US	G6CU-1114C-US	G6CK-1114C-US	3 VDC	-	-	3 VDC	
					5 VDC	-	-	5 VDC	
					12 VDC	-	-	12 VDC	
					24 VDC	-	-	24 VDC	
					3 VDC	-	-	3 VDC	
					5 VDC	-	-	5 VDC	
	SPST-NO (1a) + SPST-NC (1b)	Straight PCB	G6C-2114P-US	G6CU-2114P-US	G6CK-2114P-US	3 VDC	3 VDC	3 VDC	
						5 VDC	5 VDC	5 VDC	
						6 VDC	6 VDC	6 VDC	
						12 VDC	12 VDC	12 VDC	
						24 VDC	24 VDC	24 VDC	
						5 VDC	-	-	
G6C-2114P-FD-US		G6CU-2114P-FD-US	G6CK-2114P-FD-US	12 VDC	12 VDC	-			
				24 VDC	24 VDC	24 VDC			
				3 VDC	-	-			
				5 VDC	-	-	5 VDC		
				12 VDC	-	-	12 VDC		
				24 VDC	-	-	24 VDC		
Self-clinching PCB	G6C-2114C-US	G6CU-2114C-US	G6CK-2114C-US	3 VDC	-	-	3 VDC		
				5 VDC	-	-	5 VDC		
				6 VDC	-	-	6 VDC		
				12 VDC	-	-	12 VDC		
				24 VDC	-	-	24 VDC		
				3 VDC	-	-	3 VDC		

Note. When ordering, add the rated coil voltage to the model number.

Example: G6C-1117P-US DC3

DC3 — Rated coil voltage

However, the notation of the coil voltage on the product case as well as on the packing will be marked as □□ VDC.