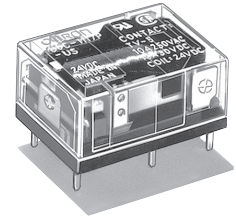
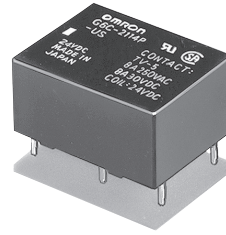


G6C

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

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	Relay Function Contact form	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)	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			
	SPST-NO (1a) + SPST-NC (1b)	G6C-2117P-US	G6CU-2117P-US	24 VDC	G6CK-2117P-US	G6CK-2117P-US	24 VDC			
				3 VDC			3 VDC		3 VDC	
				5 VDC			5 VDC		5 VDC	
				6 VDC			6 VDC		6 VDC	
Fully sealed	SPST-NO (1a)	G6C-1114P-US	12 VDC	G6CU-1114P-US	G6CK-1114P-US	G6CK-1114P-US	12 VDC	100 pcs/tray		
			24 VDC				24 VDC		24 VDC	
			3 VDC				3 VDC		3 VDC	
			5 VDC				5 VDC		5 VDC	
	SPST-NO (1a) + SPST-NC (1b)	G6C-2114P-US	G6CU-2114P-US	6 VDC	G6CK-2114P-US	G6CK-2114P-US	G6CK-2114P-US		6 VDC	
				12 VDC					12 VDC	12 VDC
				24 VDC					24 VDC	24 VDC
				3 VDC					3 VDC	3 VDC

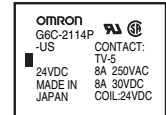
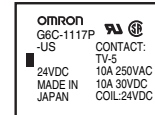
Note1. When ordering, add the rated coil voltage to the model number.

Example: G6C-1117P-US 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.

Note2. Products with UL/CSA certification marks will be supplied for orders of standard models (-US models).



Ultrasonically Cleanable Models (UL, CSA certified)

Enclosure rating	Relay Function Contact form	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)	G6C-1114P-US-U	3 VDC	G6CU-1114P-US	–	G6CK-1114P-US	–	100 pcs/tray		
			5 VDC		5 VDC		5 VDC			
			6 VDC		–		–			
			12 VDC		12 VDC		12 VDC			
	SPST-NO (1a) + SPST-NC (1b)	G6C-2114P-US-U	G6CU-2114P-US	24 VDC	G6CK-2114P-US	G6CK-2114P-US	G6CK-2114P-US		24 VDC	
				–					–	–
				5 VDC					–	5 VDC
				–					–	–
			12 VDC				12 VDC			
			–				–	–		
			24 VDC				–	–		
			–				–	–		

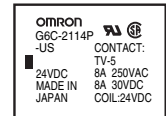
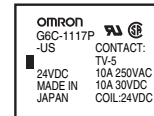
Note1. When ordering, add the rated coil voltage to the model number.

Example: G6C-1114P-US-U 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.

Note2. Products with UL/CSA certification marks will be supplied for orders of standard models (-US models).



Connecting Sockets (Sold Separately)

Applicable relays	Model	Minimum packing unit
G6C-2114P-US-P6C G6C-2117P-US-P6C G6C-1114P-US-P6C G6C-1117P-US-P6C G6CU-2114P-US-P6C G6CU-2117P-US-P6C G6CU-1114P-US-P6C G6CU-1117P-US-P6C	P6C-06P	20 pcs/tube
G6CK-2114P-US-P6C G6CK-2117P-US-P6C G6CK-1114P-US-P6C G6CK-1117P-US-P6C	P6C-08P	
Removal Tool	P6B-Y1	1
Hold-down Clips	P6B-C2	

Note 1. Use the G6C-□□□□P-US-P6C to mount to a P6C Socket.

2. When using by combining sockets, the rated current will be 5A due to its rated switching current.