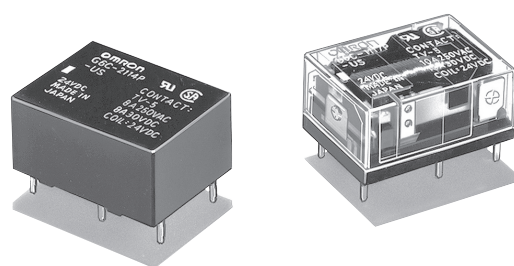


Miniature High Capacity Relays with SPST-NO 10A and SPST-NO + SPST-NC 8A

- 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

■Ordering Information

●Standard Models (UL, CSA certified)

Enclosure rating	Relay Function	Single-side stable		Single-winding latching		Double-winding latching		Minimum packing unit
	Contact form	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	
			24 VDC		24 VDC		24 VDC	
	SPST-NO (1a) + SPST-NC (1b)	G6C-2117P-US	3 VDC	G6CU-2117P-US	3 VDC	G6CK-2117P-US	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	
Fully sealed	SPST-NO (1a)	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	
	SPST-NO (1a) + SPST-NC (1b)	G6C-2114P-US	3 VDC	G6CU-2114P-US	3 VDC	G6CK-2114P-US	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	

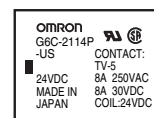
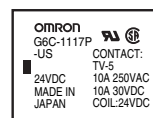
Note1. When ordering, add the rated coil voltage to the model number.

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	Single-side stable		Single-winding latching		Double-winding latching		Minimum packing unit
	Contact form	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	
			24 VDC		—		24 VDC	
	SPST-NO (1a) + SPST-NC (1b)	G6C-2114P-US-U	—	G6CU-2114P-US	—	G6CK-2114P-US	—	
			5 VDC		—		5 VDC	
			—		—		—	
			12 VDC		—		12 VDC	
			24 VDC		—		—	

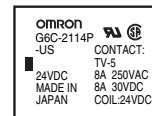
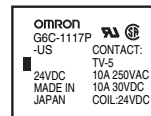
Note1. When ordering, add the rated coil voltage to the model number.

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.