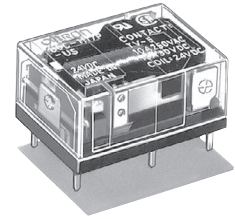
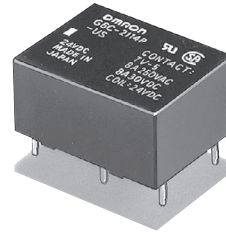


## Miniature High Capacity Relays with SPST-NO 10A and SPST-NO + SPST-NC 8A



- 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  10

#### 1. Relay Function

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

#### 2. Number of poles

- 1: 1-pole/SPST-NO (1a)
- 2: 2-pole/SPST-NO (1a) + SPST-NC (1b)

#### 3. Contact Form

- 1: SPST-NO (1a)

#### 4. Contact Type

- 1: Single

#### 5. Enclosure rating

- 4: Fully sealed
- 7: Flux protection

#### 6. Terminal Shape

- P: PCB terminals
- Socket mounting Terminals

#### 7. Contact Material

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

#### 8. Approved Standards

- US: UL/CSA

#### 9. Washability

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

#### 10. Mounting

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

### Application Examples

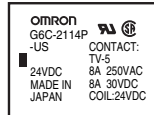
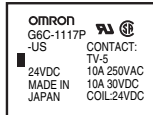
Ideal for output applications of control equipments

## Ordering Information

### Standard Models (UL, CSA certified)

Enclosure rating	Relay Function 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	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		6 VDC	
				12 VDC				12 VDC	12 VDC
				24 VDC				24 VDC	24 VDC
				3 VDC				3 VDC	3 VDC

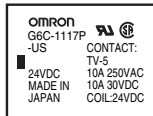
Note. Products with UL/CSA certification marks will be supplied for orders of standard models (-US models).



### 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	24 VDC		
				–			–		–
				5 VDC			5 VDC		5 VDC
				12 VDC			12 VDC		12 VDC

Note. 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.