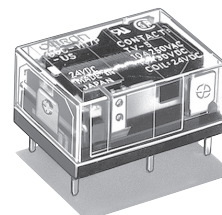
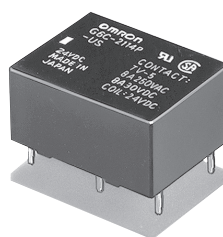


## Miniature High Capacity Relays with SPST-NO 10A and SPST-NO + SPST-NC 8A

- 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             |                      |

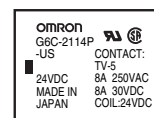
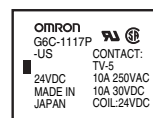
Note1. When ordering, add the rated coil voltage to the model number.

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             |                         | —                  |                         | —                  |                      |

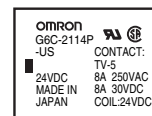
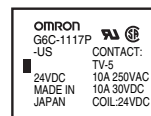
Note1. When ordering, add the rated coil voltage to the model number.

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<br>G6C-2117P-US-P6C<br>G6C-1114P-US-P6C<br>G6C-1117P-US-P6C<br>G6CU-2114P-US-P6C<br>G6CU-2117P-US-P6C<br>G6CU-1114P-US-P6C<br>G6CU-1117P-US-P6C | P6C-06P | 20 pcs/tube          |
| G6CK-2114P-US-P6C<br>G6CK-2117P-US-P6C<br>G6CK-1114P-US-P6C<br>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.