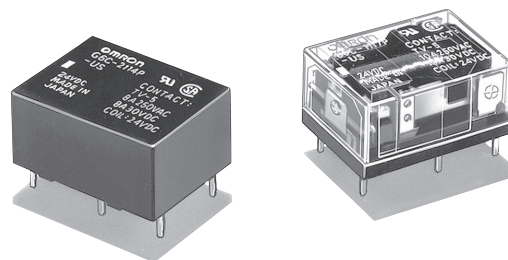


Miniature High Capacity Relays with SPST-NO 10A and SPST-NO + SPST-NC 8A

- 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

■ 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	Terminals	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	
		Self-clinching PCB	G6C-1117P-FD-US	5 VDC	G6CU-1117P-FD-US	5 VDC	G6CK-1117P-FD-US	—	
				12 VDC		12 VDC		12 VDC	
				24 VDC		24 VDC		—	
				3 VDC		—		—	
				5 VDC		—		—	
	SPST-NO (1a) + SPST-NC (1b)	Straight PCB	G6C-2117P-US	12 VDC	G6CU-2117P-US	12 VDC	G6CK-2117P-US	12 VDC	
				24 VDC		24 VDC		24 VDC	
				5 VDC		5 VDC		5 VDC	
				12 VDC		12 VDC		—	
				24 VDC		24 VDC		24 VDC	
		Self-clinching PCB	G6C-2117P-FD-US	3 VDC	G6CU-2117P-FD-US	—	G6CK-2117P-FD-US	3 VDC	
				5 VDC		5 VDC		5 VDC	
				6 VDC		—		—	
				12 VDC		12 VDC		12 VDC	
				24 VDC		—		—	
		Straight PCB	G6C-2117C-US	3 VDC	G6CU-2117C-US	—	G6CK-2117C-US	3 VDC	
				5 VDC		5 VDC		5 VDC	
				6 VDC		—		—	
				12 VDC		12 VDC		12 VDC	
				24 VDC		—		—	

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

Note. 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.