

Relay Function			Single-side stable		Single-winding latching		Double-winding latching		Minimum packing unit
Enclosure rating	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-U	3 VDC	G6CU-1114P-US-U	—	G6CK-1114P-US-U	—	100 pcs/ tray
				5 VDC		5 VDC		5 VDC	
				6 VDC		—		—	
				12 VDC		12 VDC		12 VDC	
				24 VDC		—		24 VDC	
	Self-clinching PCB	G6C-1114C-US-U	12 VDC	—	—	—			
			24 VDC	—	—	—			
	SPST-NO (1a) + SPST-NC (1b)	Straight PCB	G6C-2114P-US-U	5 VDC	—	—	G6CK-2114P-US-U	5 VDC	
				12 VDC		—		12 VDC	
				24 VDC		—		—	
		Self-clinching PCB	G6C-2114C-US-U	5 VDC	—	—	—	—	
				12 VDC		—		—	
				24 VDC		—		—	

Example: G6C-1114P-US-U DC3

However, the notation of the coil voltage on the product case as well as on the packing will be marked as □□ VDC.

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	

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

■ Ratings

Coil: 1-Pole, Single-side Stable Type (Including models for ultrasonically cleanable)

Item	Rated current (mA)	Coil resistance (Ω)	Must operate voltage (V)	Must release voltage (V)	Max. voltage (V)	Power consumption (mW)
Rated voltage	% of rated voltage					
3 VDC	67	45	70% max.	10% min.	160% (at 23°C)	Approx. 200
5 VDC	40	125				
6 VDC	33.3	180				
12 VDC	16.7	720				
24 VDC	8.3	2,880				

Coil: Single-winding Latching Type (Including models for ultrasonically cleanable)

Item	Rated current (mA)	Coil resistance (Ω)	Must set voltage (V)	Must reset voltage (V)	Max. voltage (V)	Power consumption	
Rated voltage	% of rated voltage					Set coil (mW)	Reset coil (mW)
3 VDC	67	45	70% max.	70% max.	160% (at 23°C)	200	200
5 VDC	40	125					
6 VDC	33.3	180					
12 VDC	16.7	720					
24 VDC	8.3	2,880					

Coil: Double-winding Latching Type (Including models for ultrasonically cleanable)

Item	Rated current (mA)		Coil resistance (Ω)		Must set voltage (V)	Must reset voltage (V)	Max. voltage (V)	Power consumption	
Rated voltage	Set coil	Reset coil	Set coil	Reset coil	% of rated voltage			Set coil (mW)	Reset coil (mW)
3 VDC	93.5	93.5	32.1	32.1	70% max.	70% max.	130% (at 23°C)	280	280
5 VDC	56.0	56.0	89.3	89.3					
6 VDC	46.7	46.7	129	129					
12 VDC	23.3	23.3	514	514					
24 VDC	11.7	11.7	2,056	2,056					

Note 1. The rated current and coil resistance are measured at a coil temperature of 23°C with a tolerance of ±10%.

2. The operating characteristics are measured at a coil temperature of 23°C.

3. The "Max. voltage" is the maximum voltage that can be applied to the relay coil.

Contact

Item	Contact Form	SPST-NO (1a)		SPST-NO (1a) + SPST-NC (1b)	
	Rated load	Resistive load	Inductive load (cosϕ = 0.4; L/R = 7 ms)	Resistive load	Inductive load (cosϕ = 0.4; L/R = 7 ms)
		10 A (8 A) at 250 VAC 10 A (10 A) at 30 VDC	5 A (5 A) at 250 VAC 5 A (5 A) at 30 VDC	8 A (8 A) at 250 VAC 8 A (8 A) at 30 VDC	3.5 A (3.5 A) at 250 VAC 3.5 A (3.5 A) at 30 VDC
Contact type		Single			
Contact material		Ag-Alloy (Cd free)			
Rated carry current		10 A (10 A)		8 A (8 A)	
Max. switching voltage		380 VAC, 125 VDC			
Max. switching current		10 A (10 A)		8 A (8 A)	

Note. The values shown in parentheses () are for -FD models only.