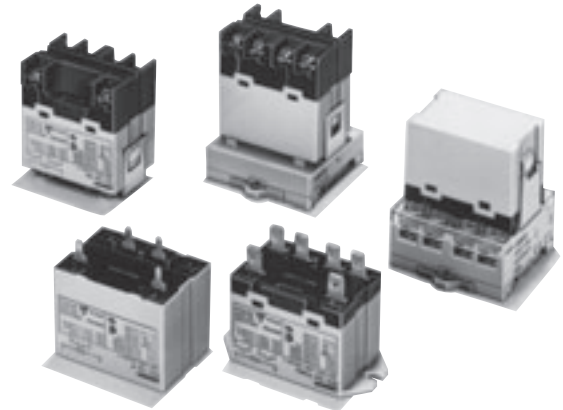


A High-capacity, High-dielectric-strength Relay Compatible with Momentary Voltage Drops

- No contact chattering for momentary voltage drops up to 50% of rated voltage.
- Wide-range AC-activated coil that handles 100 to 120 or 200 to 240 VAC at either 50 or 60 Hz.
- Miniature size for maximum switching power, particularly for inductive loads.
- Flame-resistance materials (UL94V-0-qualifying) used for all insulation material.
- Quick-connect, screw, and PCB terminals, and DIN track mounting available.
- Conforms to UL, CSA, TUV and meets IEC950.
- Safety design with contact gap of 3 mm.



Note. Accessories: E-bracket, Adapter, Front-connecting socket and Cover sold separately.

RoHS Compliant

Model Number Legend

G7L-□□-□□□
1 2 3 4 5

1. Number of Poles

1: 1 pole
2: 2 poles

2. Contact Form

A: □PST-NO

3. Terminal Shape

T: Quick connect terminals (#250)
B: Screw terminals
P: PCB terminals

4. Mounting Construction

Blank: E-bracket
UB : Upper bracket

5. Special Functions

J : With test button

Model Configuration

Terminal			Quick-connect terminals	Screw terminals	PCB terminals
Classification					
Contact form					
E-bracket mounting (E-bracket is sold separately)	—	SPST-NO	G7L-1A-T	G7L-1A-B	—
		DPST-NO	G7L-2A-T	G7L-2A-B	—
	With test button	SPST-NO	G7L-1A-TJ	G7L-1A-BJ	—
		DPST-NO	G7L-2A-TJ	G7L-2A-BJ	—
Upper bracket mounting	—	SPST-NO	G7L-1A-TUB	G7L-1A-BUB	—
		DPST-NO	G7L-2A-TUB	G7L-2A-BUB	—
	With test button	SPST-NO	G7L-1A-TUBJ	G7L-1A-BUBJ	—
		DPST-NO	G7L-2A-TUBJ	G7L-2A-BUBJ	—
PCB mounting	—	SPST-NO	—	—	G7L-1A-P
		DPST-NO	—	—	G7L-2A-P

List of E-bracket Mounting Models

Mounting				E-brackets	DIN Track Mounting Adapter	Front-connecting Socket
Terminal	Contact form	Model	Test button			
Quick-connect terminals	SPST-NO	G7L-1A-T	—	○	○	○
		G7L-1A-TJ	With test button	○	○	○
	DPST-NO	G7L-2A-T	—	○	○	○
		G7L-2A-TJ	With test button	○	○	○
Screw terminals	SPST-NO	G7L-1A-B	—	○	○	—
		G7L-1A-BJ	With test button	○	○	—
	DPST-NO	G7L-2A-B	—	○	○	—
		G7L-2A-BJ	With test button	○	○	—

Note. Accessories: E-bracket (R99-07), Adapter (P7LF-D), Front-connecting socket (P7LF-06) and Cover (P7LF-C) sold separately.

■Ordering Information

E-bracket/Adapter/Socket Mounting
Quick-connect Terminal

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-T	AC: 12, 24, 100/120, 200/240	20 pcs./tray
		DC: 6, 12, 24, 48, 100	
2 poles	G7L-2A-T	AC: 12, 24, 50, 100/120, 200/240	
		DC: 6, 12, 24, 48, 100	

Upper Bracket Mounting
Quick-connect Terminal

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-TUB	AC: 12, 24, 100/120, 200/240	20 pcs./tray
		DC: 6, 12, 24, 48, 100	
2 poles	G7L-2A-TUB	AC: 12, 24, 50, 100/120, 200/240	
		DC: 6, 12, 24, 48, 100	

E-bracket/Adapter Mounting
Screw Terminal

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-B	AC: 12, 24, 100/120, 200/240	20 pcs./tray
		DC: 6, 12, 24, 48, 100	
2 poles	G7L-2A-B	AC: 12, 24, 100/120, 200/240	
		DC: 12, 24, 48, 100	

Upper Bracket Mounting
Screw Terminal

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-BUB	AC: 24, 100/120, 200/240	20 pcs./tray
		DC: 6, 12, 24, 48, 100	
2 poles	G7L-2A-BUB	AC: 12, 24, 50, 100/120, 200/240	
		DC: 6, 12, 24, 48, 100	

PCB Mounting

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-P	AC: 100/120, 200/240	20 pcs./tray
		DC: 12, 24, 48, 100	
2 poles	G7L-2A-P	AC: 24, 100/120, 200/240	
		DC: 6, 12, 24, 48, 100	

DIN Track Mounting Accessories

Applicable products	Name	Model	Minimum packing unit
Adaptor Surface Connection Socket	DIN Track	PFP-100N	10 pcs.
		PFP-50N	
		PFP-100N2	
	End plate	PFP-M	
	Spacer	PFP-S	

Note. Order the models above in increments of the minimum quantity packaged.

E-bracket/Adapter/Socket Mounting (with test button)
Quick-connect Terminal

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-TJ	AC: 24, 100/120, 200/240	20 pcs./tray
		DC: 12, 24, 48, 100	
2 poles	G7L-2A-TJ	AC: 24, 100/120, 200/240	
		DC: 6, 12, 24, 48, 100	

Upper Bracket Mounting (with test button)
Quick-connect Terminal

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-TUBJ	AC: 24, 100/120, 200/240	20 pcs./tray
		DC: 6, 12, 24, 48, 100	
2 poles	G7L-2A-TUBJ	AC: 12, 24, 50, 100/120, 200/240	
		DC: 6, 12, 24, 48, 100	

E-bracket/Adapter Mounting (with test button)
Screw Terminal

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-BJ	AC: 12, 24, 100/120, 200/240	20 pcs./tray
		DC: 12, 24	
2 poles	G7L-2A-BJ	AC: 24, 100/120, 200/240	
		DC: 12, 24, 48, 100	

Upper Bracket Mounting (with test button)
Screw Terminal

Number of poles	Model	Rated coil voltage	Minimum packing unit
1 pole	G7L-1A-BUBJ	AC: 24, 100/120, 200/240	20 pcs./tray
		DC: 6, 12, 24, 48	
2 poles	G7L-2A-BUBJ	AC: 24, 100/120, 200/240	
		DC: 6, 12, 24, 48, 100	

- Note 1. Please add the coil rated voltage (V) to the model number when ordering.
Example: G7L-1A-T AC12
In addition, the delivered product and its package will be marked with voltage specification as "□□ VDC".
- Note 2. Refer to the precautions on PCB Relays provided in General Information of the Relay Product Data Book, and "w -□-3" for coil characteristics of AC operation.

E-bracket/Adaptor/Socket/Cover

Applicable Relay models	Name	Model	Minimum packing unit
G7L-1A-T G7L-1A-TJ G7L-1A-B G7L-1A-BJ G7L-2A-T G7L-2A-TJ G7L-2A-B G7L-2A-BJ	E-bracket	R99-07	10 pcs.
G7L-1A-T G7L-1A-TJ G7L-2A-T G7L-2A-TJ	Adapter	P7LF-D	1 pcs.
G7L-1A-T G7L-1A-TJ G7L-2A-T G7L-2A-TJ	Front-connecting Socket	P7LF-06	1 pcs.
G7L-1A-B G7L-1A-BJ G7L-1A-BUB G7L-1A-BUBJ G7L-2A-B G7L-2A-BJ G7L-2A-BUB G7L-2A-BUBJ	Cover	P7LF-C	1 pcs.

Note. Order the models above in increments of the minimum quantity packaged.