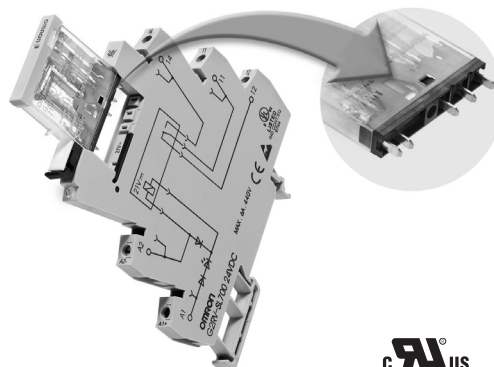


# Slim Relay G2RV

## Industrial Slim Relay Rated at 6 Amps

- Large plug-in terminals for reliable connection.
- LED indicator, clear case, and mechanical flag allows easy and immediate visual operation verification.
- Has a maximum switching voltage of 440 VAC.
- Slim outline to save space in high volume rack and PLC applications.
- Low power consumption for system energy savings.



## Model Number Structure

### Model Number Legend

G2RV-SL □□□ - □  
1 2 3 4 5

#### 1. Auxiliary Type Designation

SL: Slim relay and socket combination

#### 2. Wire Connection

- 7: Screw terminals
- 5: Push-in terminals

#### 3. Relay LED

0: Without LED

#### 4. Relay Pushbutton

0: Without pushbutton

#### 5. Input Voltage

(Complete part numbers listed in the Relay and Socket Combinations Chart below)

**Note:** LED indicator standard feature on Socket.

## Ordering Information

### List of Models

Classification		Enclosure rating	Input voltage	Type of connection	Contact form
					SPDT
Plug-in terminals	General-purpose	Unsealed	AC/DC	Screw terminals	G2RV-SL700
				Push-in terminals	G2RV-SL500

### Relay and Socket Combinations

Input voltage	Screw terminals	Push-in terminals
12 VDC	G2RV-SL700-DC12(DC11)	G2RV-SL500-DC12(DC11)
24 VDC	G2RV-SL700-DC24(DC21)	G2RV-SL500-DC24(DC21)
24 VAC/DC	G2RV-SL700-AC/DC24	G2RV-SL500-AC/DC24
48 VAC/DC	G2RV-SL700-AC/DC48	G2RV-SL500-AC/DC48
110 VAC	G2RV-SL700-AC110	G2RV-SL500-AC110
230 VAC	G2RV-SL700-AC230	G2RV-SL500-AC230



**Note:** Relay and Socket Combinations are cUL<sub>US</sub> listed.

# Specifications

## ■ Coil Ratings @ 23°C

Rated voltage	Rated current		Operate voltage	Release voltage	Power consumption		Input voltage	
	AC				% of rated voltage	AC (VA) Approx.		DC (mW) Approx.
	50 Hz	60 Hz	DC					
12 VDC	---	---	80% max.	10% min.	---	300 mW	±10%	
24 VDC	---	---			---	300 mW		
24 VAC/DC	21.1	22.5			13.0	0.5 VA		300 mW
48 VAC/DC	8.5	9.0			5.2	0.4 VA		250 mW
110 VAC	7.1	7.5			---	0.8 VA		---
230 VAC	7.3	7.9			---	1.7 VA		---

## ■ Contact Ratings

Number of poles	1 pole	
Load	Resistive load (cos $\phi$ = 1)	Inductive load (cos $\phi$ = 0.4, L/R = 7 ms)
Rated load	2A at 400 VAC; 6 A at 250 VAC; 6 A at 30 VDC	2 A at 250 VAC; 2 A at 30 VDC
Rated carry current	6 A	
Max. switching voltage	440 VAC, 125 VDC	
Max. switching current	6 A	
Max. switching power	1,500 VA 180 W	500 VA 60 W
Minimum permissible load	10 mA at 5 VDC : P level: $\lambda_{60} = 0.1 \times 10^{-6}$ /operation	