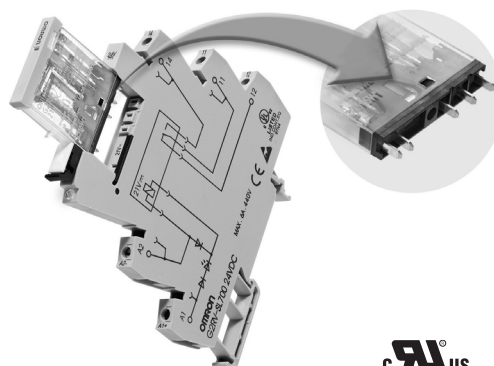


Slim Relay G2RV

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
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_{us} listed.

Specifications

■ Coil Ratings @ 23°C

Rated voltage	Rated current			Operate voltage	Release voltage	Power consumption		Input voltage
	AC		DC	% of rated voltage		AC (VA) Approx.	DC (mW) Approx.	% of rated voltage
	50 Hz	60 Hz						
12 VDC	---	---	27.2	80% max.	10% min.	---	300 mW	±10%
24 VDC	---	---	13.3			---	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	