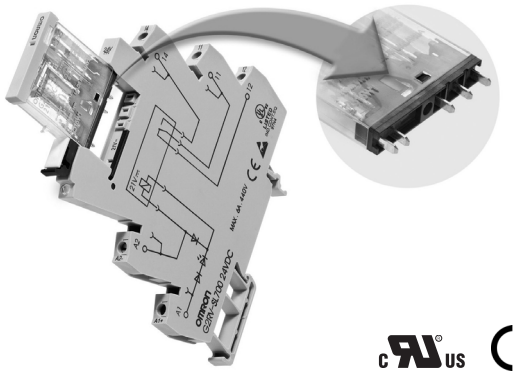
Slim Relay
G2RV

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**

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Note: Relay and Socket Combinations are $_{c}UL_{us}$ 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 ϕ = 1)	Inductive load (cos ϕ = 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: λ_{60} = 0.1 x 10^{-6}/operation	