

■ Approved Standards

UL Recognized (File No. E41643) - - Ambient Temp. = 40°C

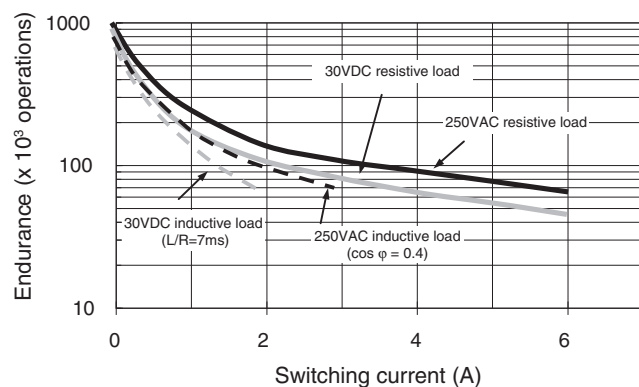
Model	Contact form	Coil ratings	Contact ratings	Operations
G2RV-SL Series	SPDT	12 to 48 VDC 24 to 230 VAC	250 VAC 6 A (Resistive Load) 30 VDC 6 A (Resistive Load) 400 VAC 2 A (Resistive Load)	6,000

IEC/VDE (EN 61810)

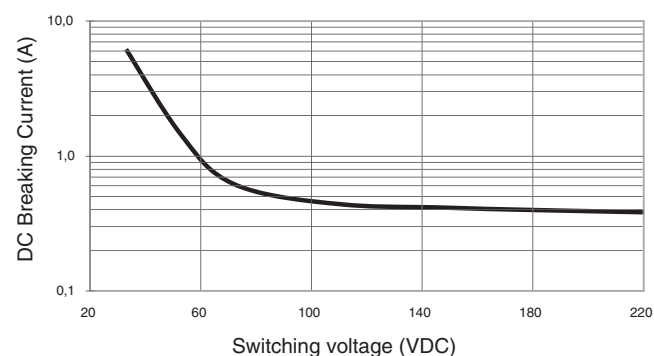
Contact form	Coil ratings	Contact ratings	Operations
1 pole	12, 24 VDC 24, 48 VAC/DC 110, 230 VAC	250 VAC 6 A (Res.) 30 VDC 6 A (Res.) 400 VAC 2 A (Res.)	50,000 50,000 6,000

Engineering Data

Endurance



Switching Capacity, DC Resistive Load



Switching Timing

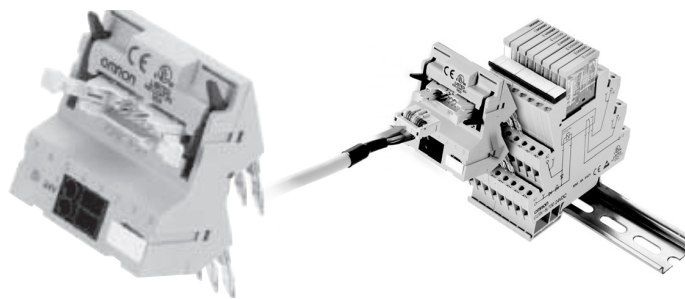
Model number	Operating time (typical)	Release time (typical)
G2RV-SL7□□/5□□ DC12	5 ~ 7 ms	5 ~ 8 ms
G2RV-SL7□□/5□□ DC24	5 ~ 7 ms	6 ~ 9 ms
G2RV-SL7□□/5□□ AC/DC24	5 ~ 7 ms	17 ~ 22ms
G2RV-SL7□□/5□□ AC/DC48	5 ~ 7 ms	22 ~ 30 ms
G2RV-SL7□□/5□□ AC110	12 ~ 15 ms	22 ~ 30 ms
G2RV-SL7□□/5□□ AC230	12 ~ 15 ms	22 ~ 30 ms

Accessories

■ PLC Interface (for G2RV-SL700 series only)

List of Models

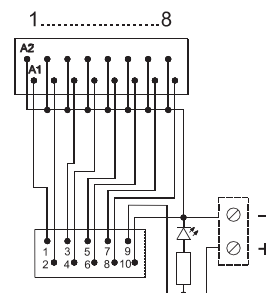
Model number	Description	Connection
P2RVC-8-O-F	PLC Output Interface for 8x G2RV-SL700 series. PnP-type	Flat cable (Ribbon cable connector, 10 pole, IEC603/1)



Specifications

Input	Rated voltage	30 VAC/VDC max.
	Current capacity	0.5 A per channel 2.0 A total current, power supply terminal
Characteristics	Ambient temperature	Operating: 0 to 55°C Storage: -20 to 85°C
	Overvoltage category	III
	Pollution degree	2

Electrical schematic P2RVC-8-O-F



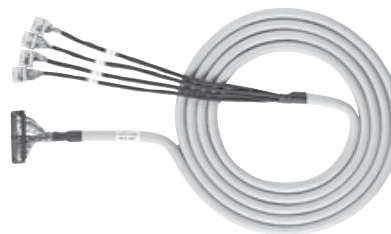
■ Cables for PLC Interface P2RVC-8-O-F

P2RV-4-□□□C

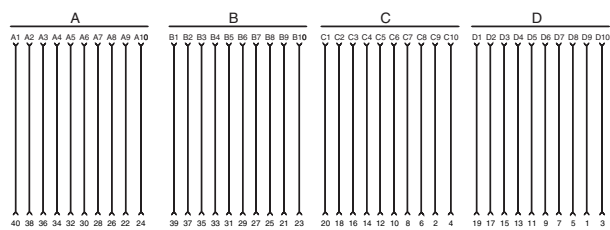
Cable to connect CJ1 to 4 x P2RVC-8-O-F

List of Models

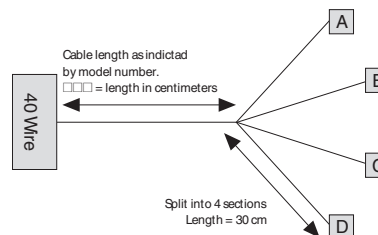
Model number	Cable length
P2RV-4-100C	1.0 m
P2RV-4-200C	2.0 m
P2RV-4-300C	3.0 m
P2RV-4-500C	5.0 m



4x10 pole IDC mounting to 4 x P2RVC-8-O-F



40 pole IDC mounting to Omron PLC CJ1-OD232



Technical data

Control line	AWG26/0.14 mm ² , tin-plated copper
Diameter cable	10.6 mm (one end splits into 4 sections: A, B, C, D)
Operating voltage	60 VDC
Continuous current per signal wire	0.5 A
Max. total current, 4 bytes, each	1.0 A
Test voltage	0.5 KV, 50 Hz, 1 min
Operating temperature range	-20°C to +50°C