

# OMRON Power PCB Relays



## OMRON G2R SERIES: VERSATILE POWER PCB RELAYS

### Specifications:

- Rated load: 1-pole general purpose and upper-mount bracket type - 10A @ 250VAC/30VDC;  
2-pole general purpose type - 5A @ 250VAC/30VDC;  
1-pole high-capacity type - 16A @ 250VAC/30VDC;  
2-pole high sensitivity and latching type - 3A @ 250VAC/30VDC
- Contact material: Ag Alloy



NEW AT MOUSER

Omron

PCB Relays

NEW AT MOUSER

### Semi-Sealed Construction, General Purpose Type

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part Number	Fig.	Contact Form	Rated Coil Voltage	Rated Coil Current	Price Each			
						1	25	50	100
653-G2R-1-AC24	G2R-1-AC24	A1	SPDT	24 VAC	37.5 mA				
653-G2R-1-AC120	G2R-1-AC120	A1	SPST-NO	120 VAC	7.5 mA				
653-G2R-1-DC5	G2R-1-DC5	A1	SPST	5 VDC	106 mA				
653-G2R-1-DC12	G2R-1-DC12	A1	SPST-NO	12 VDC	43.6 mA				
653-G2R-1-DC24	G2R-1-DC24	A1	SPST-NO	24 VDC	21.8 mA				
653-G2R-2-AC120	G2R-2-AC120	A2	DPST-NO	120 VAC	7.5 mA				
653-G2R-2-DC12	G2R-2-DC12	A2	DPST-NO	12 VDC	43.6 mA				
653-G2R-2-DC24	G2R-2-DC24	A2	DPST-NO	24 VDC	21.8 mA				
653-G2R-1A-DC24	G2R-1A-DC24	A3	SPST-NO	24 VDC	21.8 mA				
653-G2R-2A-DC24	G2R-2A-DC24	A2	DPST-NO	24 VDC	21.8 mA				

### Sealed Construction, General Purpose Type

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part Number	Fig.	Contact Form	Rated Coil Voltage	Rated Coil Current	Price Each			
						1	25	50	100
653-G2R-14-DC5	G2R-14-DC5	A1	SPDT	5 VDC	106 mA				
653-G2R-14-DC12	G2R-14-DC12	A1	SPDT	12 VDC	43.6 mA				
653-G2R-14-DC24	G2R-14-DC24	A1	SPDT	24 VDC	21.8 mA				
653-G2R-14-AC240	G2R-14-AC240	A1	SPDT	240 VAC	3.8 mA				
653-G2R-14-AC24	G2R-14-AC24	A1	SPDT	24 VAC	37.5 mA				
653-G2R-14-AC120	G2R-14-AC120	A1	SPDT	120 VAC	7.5 mA				
653-G2R-14-DC48	G2R-14-DC48	A1	SPDT	48 VDC	11.5 mA				
653-G2R-24-DC5	G2R-24-DC5	A2	DPDT	5 VDC	106 mA				
653-G2R-24-DC12	G2R-24-DC12	A2	DPDT	12 VDC	43.6 mA				
653-G2R-24-DC24	G2R-24-DC24	A2	DPDT	24 VDC	21.8 mA				
653-G2R-24-AC24	G2R-24-AC24	A2	DPDT	24 VAC	37.5 mA				
653-G2R-24-AC120	G2R-24-AC120	A2	DPDT	120 VAC	7.5 mA				
653-G2R-1A4-DC5	G2R-1A4-DC5	A1	SPST-NO	5 VDC	176 mA				
653-G2R-1A4-DC12	G2R-1A4-DC12	A3	SPST-NO	12 VDC	43.6 mA				
653-G2R-1A4-DC24	G2R-1A4-DC24	A3	SPST-NO	24 VDC	21.8 mA				
653-G2R-1A4-AC120	G2R-1A4-AC120	A3	SPST-NO	120 VAC	7.5 mA				

### Semi-Sealed Construction, High-Capacity Type

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part Number	Fig.	Contact Form	Rated Coil Voltage	Rated Coil Current	Price Each			
						1	25	50	100
653-G2R-1-E-DC5	G2R-1E-DC5	A4	SPDT	5 VDC	106 mA				
653-G2R-1-E-DC12	G2R-1E-DC12	A4	SPDT	12 VDC	43.6 mA				
653-G2R-1-E-DC24	G2R-1E-DC24	A4	SPDT	24 VDC	21.8 mA				
653-G2R-1-E-AC120	G2R-1E-AC120	A4	SPDT	120 VAC	7.5 mA				
653-G2R-1A-E-AC120	G2R-1A-E-AC120	A4	SPST-NO	120 VAC	7.5 mA				
653-G2R-1A-E-DC5	G2R-1A-E-DC5	A4	SPST-NO	5 VDC	106 mA				
653-G2R-1A-E-DC12	G2R-1A-E-DC12	A5	SPST-NO	12 VDC	43.6 mA				
653-G2R-1A-E-DC24	G2R-1A-E-DC24	A5	SPST-NO	24 VDC	21.8 mA				

### Quick Connect Terminal, Upper Mount Bracket

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part Number	Fig.	Contact Form	Rated Coil Voltage	Rated Coil Current	Price Each			
						1	25	50	100
653-G2R-1A-TDC12	G2R-1A-T-DC12	B6	SPST-NO	12 VDC	43.6 mA				
653-G2R-1A-TDC24	G2R-1A-T-DC24	B6	SPST-NO	24 VDC	21.8 mA				
653-G2R-1A-T-AC24	G2R-1A-T-AC24	B6	SPST-NO	24 VAC	37.5 mA				
653-G2R-1ATAC120	G2R-1A-T-AC120	B6	SPST-NO	120 VAC	7.5 mA				
653-G2R-1-T-AC24	G2R-1-T-AC24	B7	SPDT	24 VAC	37.5 mA				
653-G2R-1-T-AC120	G2R-1-T-AC120	B6	SPDT	120 VAC	7.5 mA				

### Sealed Construction, High Sensitivity

For quantities of 500 and up, call for quote.

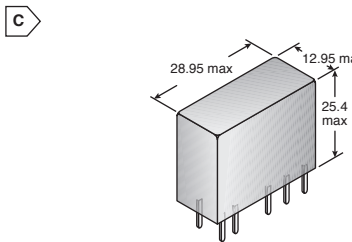
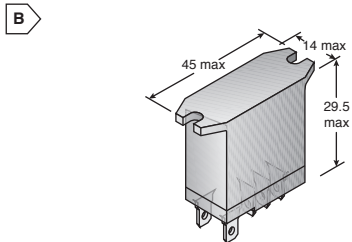
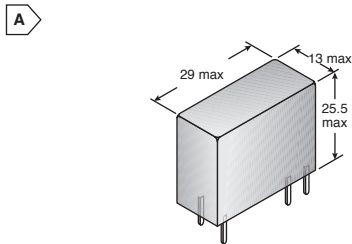
MOUSER STOCK NO.	Omron Part Number	Fig.	Contact Form	Rated Coil Voltage	Rated Coil Current	Price Each			
						1	25	50	100
653-G2R-24-H-DC12	G2R-24-H-DC12	A2	DPDT	12 VDC	43.6 mA				

### Semi-Sealed Construction, Dual Coil Latching

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Omron Part Number	Fig.	Contact Form	Rated Coil Voltage	Rated Coil Current	Price Each			
						1	25	50	100
653-G2RK-2-DC12	G2RK-2-DC12	C8	DPDT	12 VDC	50 mA				
653-G2RK-2-DC24	G2RK-2-DC24	C8	DPDT	24 VDC	25 mA				

### DIMENSIONS: mm



### TERMINAL ARRANGEMENT

