

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



Semi-Sealed Construction, General Purpose Type • RoHS Compliant

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-SDC6S	G2R-1-SDC6(S)	A1	SPDT	6VDC	87.0mA				

Unsealed Construction, LED indicator and diode • RoHS Compliant

653-G2R-1SND-DC12S	G2R-1SND-DC12S	A1	SPDT	12VDC	43.2mA				
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Unsealed Construction, LED indicator and diode with test button • RoHS Compliant

653-G2R-1SNDI-DC24S	G2R-1SNDI-DC24S	A1	SPDT	24VDC	21.6mA				
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Unsealed Construction, Diode • RoHS Compliant

653-G2R-2-SDDC24S	G2R-2-SDDC24(S)	A2	DPDT	24VDC	21.6mA				
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Semi-Sealed Construction, General Purpose Type

653-G2R-1-AC120	G2R-1-AC120	A3	SPST-NO	120VAC	7.5mA				
653-G2R-1-AC240	G2R-1-AC240	A1	SPDT	240VAC	3.8mA				
653-G2R-1-DC5	G2R-1-DC5	A1	SPST	5VDC	106mA				
653-G2R-1-DC12	G2R-1-DC12	A3	SPST-NO	12VDC	43.6mA				
653-G2R-1-DC24	G2R-1-DC24	A3	SPST-NO	24VDC	21.8mA				
653-G2R-2-AC24	G2R-2-AC24	A2	DPDT	24 VDC	37.5 mA				
653-G2R-2-AC120	G2R-2-AC120	A4	DPST-NO	120VAC	7.5mA				
653-G2R-2-DC12	G2R-2-DC12	A4	DPST-NO	12VDC	43.6mA				
653-G2R-2-DC24	G2R-2-DC24	A4	DPST-NO	24VDC	21.8mA				
653-G2R-2-DC48	G2R-2-DC48	A2	DPDT	48VDC	11.5mA				
653-G2R-1A-DC24	G2R-1A-DC24	A3	SPST-NO	24VDC	21.8mA				
653-G2R-2A-DC12	G2R-2A-DC12	A4	DPST-NO	12VDC	43.6mA				
653-G2R-2A-DC24	G2R-2A-DC24	A4	DPST-NO	24VDC	21.8mA				

Sealed Construction, General Purpose Type • RoHS Compliant

653-G2R-14-DC5	G2R-14-DC5	A1	SPDT	5VDC	106mA				
653-G2R-14-DC12	G2R-14-DC12	A1	SPDT	12VDC	43.6mA				
653-G2R-14-DC24	G2R-14-DC24	A1	SPDT	24VDC	21.8mA				
653-G2R-14-AC240	G2R-14-AC240	A1	SPDT	240VAC	3.8mA				
653-G2R-14-AC24	G2R-14-AC24	A1	SPDT	24VAC	37.5mA				
653-G2R-14-AC120	G2R-14-AC120	A1	SPDT	120VAC	7.5mA				
653-G2R-14-DC48	G2R-14-DC48	A1	SPDT	48VDC	11.5mA				
653-G2R-24-DC5	G2R-24-DC5	A2	DPDT	5VDC	106mA				
653-G2R-24-DC12	G2R-24-DC12	A2	DPDT	12VDC	43.6mA				
653-G2R-24-DC24	G2R-24-DC24	A2	DPDT	24VDC	21.8mA				
653-G2R-24-AC24	G2R-24-AC24	A2	DPDT	24VAC	37.5mA				
653-G2R-24-AC120	G2R-24-AC120	A2	DPDT	120VAC	7.5mA				
653-G2R-1A4-DC5	G2R-1A4-DC5	A3	SPST-NO	5VDC	176mA				
653-G2R-1A4-DC12	G2R-1A4-DC12	A3	SPST-NO	12VDC	43.6mA				
653-G2R-1A4-DC24	G2R-1A4-DC24	A3	SPST-NO	24VDC	21.8mA				
653-G2R-1A4-AC120	G2R-1A4-AC120	A3	SPST-NO	120VAC	7.5mA				
653-G2R-2A4-DC12	G2R-2A4-DC12	A4	DPST-NO	12VDC	43.6mA				

Semi-Sealed Construction, High-Capacity Type • RoHS Compliant

653-G2R-1-E-DC5	G2R-1E-DC5	A1	SPDT	5VDC	106mA				
653-G2R-1-E-DC12	G2R-1E-DC12	A1	SPDT	12VDC	43.6mA				
653-G2R-1-E-DC24	G2R-1E-DC24	A1	SPDT	24VDC	21.8mA				
653-G2R-1-E-AC120	G2R-1E-AC120	A1	SPDT	120VAC	7.5mA				
653-G2R-1A-E-AC120	G2R-1A-E-AC120	A3	SPST-NO	120VAC	7.5mA				
653-G2R-1A-E-DC12	G2R-1A-E-DC12	A3	SPST-NO	12VDC	43.6mA				
653-G2R-1A-E-DC24	G2R-1A-E-DC24	A3	SPST-NO	24VDC	21.8mA				

Quick Connect Terminal, Upper Mount Bracket • RoHS Compliant

653-G2R-1A-TDC12	G2R-1A-T DC12	B5	SPST-NO	12VDC	43.6mA				
653-G2R-1A-TDC24	G2R-1A-TDC24	B5	SPST-NO	24VDC	21.8mA				
653-G2R-1A-T-AC24	G2R-1A-T-AC24	B5	SPST-NO	24VAC	37.5mA				
653-G2R-1ATAC120	G2R-1A-T-AC120	B5	SPST-NO	120VAC	7.5mA				
653-G2R-1-T-AC24	G2R-1-T-AC24	B6	SPDT	24VAC	37.5mA				
653-G2R-1-T-AC120	G2R-1-T-AC120	B5	SPDT	120VAC	7.5mA				

Sealed Construction, High Sensitivity • RoHS Compliant

653-G2R-24-H-DC12	G2R-24-H-DC12	A2	DPDT	12VDC	43.6mA				
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Semi-Sealed Construction, Dual Coil Latching • RoHS Compliant

653-G2RK-2-DC12	G2RK-2-DC12	C7	DPDT	12VDC	50mA				
653-G2RK-2-DC24	G2RK-2-DC24	C7	DPDT	24VDC	25mA				

OMRON G2RG SERIES: FULLY SEALED POWER PCB RELAYS

- Contact rating: 8A @ 250VDC
- Power consumption: 800mW
- Dimensions and mounting holes same as G2R
- Contact material: Ag Alloy

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-G2RG-2A4-DC12	G2RG-2A4-DC12	D8	DPST-NO	12VDC	66.6mA				
653-G2RG-2A4-DC24	G2RG-2A4-DC24	D8	DPST-NO	24VDC	33.3mA				

DIMENSIONS: mm

A

B

C

D

TERMINAL ARRANGEMENT

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Omron PCB Relays

