

OMRON Power PCB Relays



OMRON G6B SERIES: SUBMINIATURE POWER PCB RELAYS

Specifications:

- Contact rating: Standard type - 5A @ 250VAC; High-capacity type - 8A @ 250VAC
- Power consumption: SPST-NO - 200mW 2-pole - 300mW
- 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
Standard Type with Sealed Construction, Non-Latching									
653-G6B-1114P-DC5	G6B-1114P-US-DC5	A1	SPST-NO	5VDC	40mA	3.94	3.81	3.58	3.16
653-G6B-1114PUSDC6	G6B-1114P-US-DC6	A1	SPST-NO	6 VDC	33.3 mA	4.93	4.43	3.94	3.54
653-G6B-1114P-DC12	G6B-1114P-US-DC12	A1	SPST-NO	12VDC	16.7mA	3.94	3.81	3.65	3.16
653-G6B1114P1-DC12	G6B-1114P-1-US-DC12	A1	SPST-NO	12VDC	16.7mA	4.45	4.28	4.07	3.67
653-G6B-1114P-DC24	G6B-1114P-US-DC24	A1	SPST-NO	24VDC	8.3mA	3.85	3.75	3.56	3.17
653-G6B1114PFDUSDC24	G6B-1114P-FD-US-DC24	A1	SPST-NO	24VDC	8.3mA	5.61	5.44	5.27	5.00
653-G6B1174PFDUSDC24	G6B-1174P-FD-US-DC24	A1	SPST-NO	24VDC	8.3mA	6.74	6.31	6.04	5.78
653-G6B-2114P-DC5	G6B-2114P-US-DC5	A2	SPST-NO+SPST-NC	5VDC	60mA	4.81	4.59	4.38	3.86
653-G6B-2114P-DC6	G6B-2114P-US-DC6	A2	SPST-NO+SPST-NC	6VDC	33.3mA	6.05	5.42	4.82	4.34
653-G6B-2114P-DC12	G6B-2114P-US-DC12	A2	SPST-NO+SPST-NC	12VDC	25mA	4.81	4.59	4.39	3.86
653-G6B-2114P-1-USDC5	G6B-2114P-1-US DC5	A2	SPST-NO+SPST-NC	5 VDC	60 mA	6.33	5.95	5.80	5.50
653-G6B2114P1USDC12	G6B-2114P-1-US-DC12	A2	SPST-NO+SPST-NC	12VDC	16.7mA	5.52	5.04	4.78	4.58
653-G6B2114P1USDC24	G6B-2214P-1-US DC24	A2	SPST-NO+SPST-NC	24 VDC	25 mA	6.58	6.17	6.02	5.71
653-G6B-2114P-DC24	G6B-2114P-US-DC24	A2	SPST-NO+SPST-NC	24VDC	12.5mA	4.78	4.66	4.43	3.95
653-G6B-2214P-DC5	G6B-2214P-US-DC5	A3	DPST-NO	5VDC	60mA	4.81	4.66	4.46	3.86
653-G6B-2214P-DC12	G6B-2214P-US-DC12	A3	DPST-NO	12VDC	25mA	4.81	4.66	4.46	3.86
653-G6B-2214P-DC24	G6B-2214P-US-DC24	A3	DPST-NO	24VDC	12.5mA	5.05	4.86	4.66	4.03
Dual Coil Latching									
653-G6BK-1114P-DC5	G6BK-1114P-US-DC5	A1	SPST-NO	5VDC	40mA	6.20	5.57	4.95	4.46
653-G6BK-1114US-DC12	G6BK-1114P-US-DC12	A1	SPST-NO	12 VDC	16.7 mA	5.14	4.77	4.47	4.23
653-G6BK1114PUSDC24	G6BK-1114P-US-DC24	A1	SPST-NO	24 VDC	8.3 mA	8.06	7.57	7.38	7.00
High Capacity Type with Sealed Construction, Non-Latching									
653-G6B-1174P-DC5	G6B-1174P-US-DC5	A1	SPST-NO	5VDC	40mA	4.74	4.38	4.27	4.03
653-G6B-1174P-DC12	G6B-1174P-US-DC12	A1	SPST-NO	12VDC	16.7mA	4.74	4.38	4.27	4.03
653-G6B-1174P-DC24	G6B-1174P-US-DC24	A1	SPST-NO	24VDC	8.3mA	4.22	4.10	3.95	3.78
Sockets for G6B Series									
						Fits Series			
653-P6B-04P	P6B-04P	G6B-1114P, G6B-1174P				1.61	1.57	1.42	1.28
653-P6B-06P	P6B-06P	G6BK-1114P				1.88	1.82	1.66	1.53
653-P6B-26P	P6B-26P	G6B-2114P, G6B-2214P				2.30	2.06	1.75	1.65

OMRON G6C SERIES: SUBMINIATURE POWER PCB RELAYS

Specifications:

- Contact rating: SPST-NO - 10A @ 250 VAC; SPST-NO+SPST-NC - 8A @ 250VAC
- Power consumption: 200mW
- Contact material: Ag Alloy



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
Sealed, Non-Latching									
653-G6C-1114P-DC5	G6C-1114P-US-DC5	B5	SPST-NO	5VDC	40mA	4.62	4.34	4.15	4.03
653-G6C-1114P-DC12	G6C-1114P-US-DC12	B5	SPST-NO	12VDC	16.7mA	4.81	4.52	4.32	4.13
653-G6C-1114P-DC24	G6C-1114P-US-DC24	B5	SPST-NO	24VDC	8.3mA	4.72	4.43	4.23	4.06
653-G6C-2114P-US-DC3	G6C-2114P-US-DC3	B5	SPST-NO + SPST-NC	3VDC	66.7mA	8.29	7.46	7.06	6.47
653-G6C-2114P-US-DC5	G6C-2114P-US-DC5	B5	SPST-NO + SPST-NC	5VDC	40mA	5.47	5.05	4.91	4.64
653-G6C-2114P-DC12	G6C-2114P-US-DC12	B5	SPST-NO + SPST-NC	12VDC	16.7mA	5.47	5.05	4.91	4.64
653-G6C-2114P-DC24	G6C-2114P-US-DC24	B5	SPST-NO + SPST-NC	24VDC	8.3mA	5.64	5.22	5.08	4.78
Semi-Sealed, Non-Latching									
653-G6C-2117P-US-DC5	G6C-2117P-US-DC5	B4	SPST-NO + SPST-NC	5VDC	40mA	4.97	4.65	4.46	4.26
653-G6C-2117P-DC12	G6C-2117P-US-DC12	B4	SPST-NO + SPST-NC	12VDC	16.7mA	5.93	5.63	5.02	4.87
Sealed, Dual-Winding Latching Contact									
653-G6CK-2114P-DC5	G6CK-2114P-US-DC5	B4	SPST-NO + SPST-NC	5VDC	56mA	8.35	7.06	6.28	5.50
Sockets for G6C Series									
						Fits Series			
653-P6C-06P	P6C-06P	G6C-1114P, G6C-2114P, G6C-1117, G6C-2117P				2.04	1.93	1.73	1.60
653-P6C-08P	P6C-08P	G6CK-2114P				2.69	2.54	2.47	2.34

OMRON G6D-ASI SERIES: SLIM POWER PCB RELAYS

Specifications:

- Contact rating: 5A @ 250VAC/30VDC fully sealed construction
- Power consumption: 200mW
- Contact material: Ag Alloy



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-G6D1A-ASI-DC5	G6D-1A-ASI-DC5	C6	SPST-NO	5VDC	40mA	5.24	4.72	4.20	3.78
653-G6D1A-ASI-DC12	G6D-1A-ASI-DC12	C6	SPST-NO	12VDC	16.7mA	4.12	3.86	3.69	3.53
653-G6D1A-ASI-DC24	G6D-1A-ASI-DC24	C6	SPST-NO	24VDC	8.3mA	5.64	5.08	4.51	4.06
Sockets for G6D Series									
653-P6D-04P	P6D-04P	PC mount for G6D-1A				2.92	2.71	2.30	2.16

OMRON G6DS SERIES: SLIM, MINIATURE PCB RELAYS

Specifications:

- Contact rating: 5A @ 250VAC/30VDC fully sealed construction
- Power consumption: Standard type - 180mW; High-sensitivity type: 120mW



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
Standard Type									
653-G6DS-1A-DC5	G6DS-1A-DC5	D7	SPST-NO	5VDC	36mA	5.40	4.87	4.33	3.90
653-G6DS-1A-DC12	G6DS-1A-DC12	D7	SPST-NO	12VDC	15mA	5.40	4.87	4.33	3.90
653-G6DS-1A-DC24	G6DS-1A-DC24	D7	SPST-NO	24VDC	7.5mA	5.57	5.15	4.73	4.25
High-Sensitivity Type									
653-G6DS-1A-H-DC5	G6DS-1A-H-DC5	D7	SPST-NO	5VDC	24mA	6.38	5.04	4.52	4.25
653-G6DS-1A-H-DC12	G6DS-1A-H-DC12	D7	SPST-NO	12VDC	10mA	5.57	5.00	4.45	4.00
653-G6DS-1A-H-DC24	G6DS-1A-H-DC24	D7	SPST-NO	24VDC	5mA	6.06	5.45	4.84	4.36

DIMENSIONS: mm

TERMINAL ARRANGEMENT

Omron PCB Relays