

OMRON PCB Power Relays

Mounting Hole Pattern and Connection Diagram
"Bottom view unless otherwise noted"

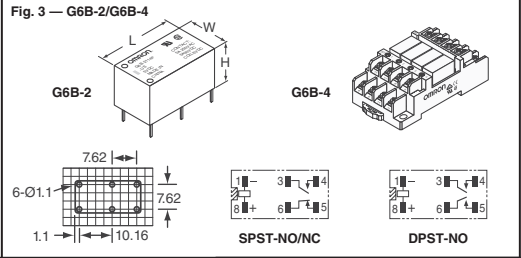
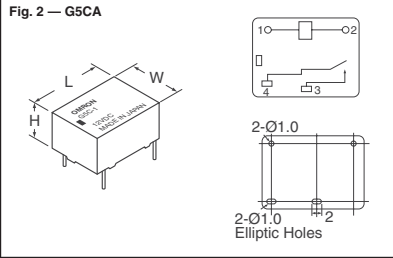
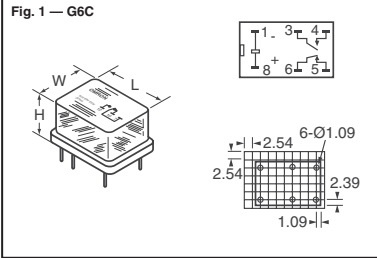


Fig.	Contact Form	Coil Volt. (VDC)	Res. (Ω)	Contact Ratings Resistive (A)		Additional Features	Dimensions (mm) H x L x W	Digi-Key Part No.	Price Each			Omron Part No.	
				24 VDC	115 VAC				1	25	50		
PCB Power Low Profile Relays													
1	SPST-NO/NC	5	125	8	8	Flat Pack Sealed	9.9 x 20 x 15	Z949-ND	5.74	5.17	4.60	G6C-2114P-US-DC5	
	SPST-NO/NC	12	720	8	8	Flat Pack Sealed	9.9 x 20 x 15	Z950-ND	5.74	5.17	4.60	G6C-2114P-US-DC12	
	SPST-NO/NC	24	2,880	8	8	Flat Pack Sealed	9.9 x 20 x 15	Z951-ND	5.92	5.33	4.74	G6C-2114P-US-DC24	
PC Mount Relay Socket for G6C Series													
2	SPST-NO	5	125	10	10	Flat Pack Sealed	11 x 22 x 16	Z2155-ND	1.87	1.69	1.50	P6C-06P	
	SPST-NO	12	720	10	10	Flat Pack Sealed	11 x 22 x 16	Z2156-ND	3.44	3.10	2.75	G5CA-1A4-DC5	
	SPST-NO	24	2,880	10	10	Flat Pack Sealed	11 x 22 x 16	Z2157-ND	3.55	3.20	2.84	G5CA-1A4-DC12	
	SPST-NO	5	125	10	10	Flat Pack Sealed	11 x 22 x 16	Z2158-ND	3.08	2.77	2.46	G5CA-1A-DC5	
	SPST-NO	12	720	10	10	Flat Pack Sealed	11 x 22 x 16	Z2159-ND	3.08	2.77	2.46	G5CA-1A-DC12	
	SPST-NO	24	2,880	10	10	Flat Pack Sealed	11 x 22 x 16	Z2160-ND	3.10	2.80	2.49	G5CA-1A-DC24	
	SPST-NO	5	125	10	15	High Current Type	11 x 22 x 16	Z2161-ND	3.25	2.93	2.61	G5CA-1A-E-DC5	
	SPST-NO	12	720	10	15	High Current Type	11 x 22 x 16	Z2162-ND	3.25	2.93	2.61	G5CA-1A-E-DC12	
	SPST-NO	24	2,880	10	15	High Current Type	11 x 22 x 16	Z2163-ND	3.25	2.93	2.61	G5CA-1A-E-DC24	
	SPST-NO	12	720	10	15	PCB & QC Terminals	11 x 22.1 x 25.1	Z2164-ND	4.38	3.95	3.51	G5CA-1A-TP-E-DC12	
	SPST-NO	24	2,880	10	15	PCB & QC Terminals	11 x 22.1 x 25.1	Z2165-ND	4.38	3.95	3.51	G5CA-1A-TP-E-DC24	
	PCB Power Relays												
3	DPST-NC	12	480	5	5	Fully Sealed	11 x 20 x 11	Z2851-ND	5.06	4.56	4.06	G6B-2014P-US-DC12	
	DPST-NC	24	1,920	5	5	Fully Sealed	11 x 20 x 11	Z2852-ND	5.29	4.77	4.24	G6B-2014P-US-DC24	
	SPST-NO/NC	5	83.30	5	5	Fully Sealed	11 x 20 x 11	Z2853-ND	5.32	4.79	4.26	G6B-2014P-1-US-DC5	
	SPST-NO/NC	12	480	5	5	Fully Sealed	11 x 20 x 11	Z2853-ND	5.32	4.79	4.26	G6B-2014P-1-US-DC12	
	SPST-NO	5	83	5	5	Fully Sealed	11 x 20 x 11	Z946-ND	5.06	4.56	4.06	G6B-2014P-US-DC5	
	SPST-NC	6	120	5	5	Fully Sealed	11 x 20 x 11	Z765-ND	5.06	4.56	4.06	G6B-2014P-US-DC6	
	SPST-NO/NC	12	480	5	5	Fully Sealed	11 x 20 x 11	Z766-ND	5.06	4.56	4.06	G6B-2014P-US-DC12	
	SPST-NO/NC	24	1,920	5	5	Fully Sealed	11 x 20 x 11	Z767-ND	5.29	4.77	4.24	G6B-2014P-US-DC24	
	DPST-NO	5	83	5	5	Fully Sealed	11 x 20 x 11	Z947-ND	5.06	4.56	4.06	G6B-2214P-US-DC5	
	DPST-NO	6	120	5	5	Fully Sealed	11 x 20 x 11	Z758-ND	5.06	4.56	4.06	G6B-2214P-US-DC6	
	DPST-NO	12	480	5	5	Fully Sealed	11 x 20 x 11	Z759-ND	5.06	4.56	4.06	G6B-2214P-US-DC12	
	DPST-NO	24	1,920	5	5	Fully Sealed	11 x 20 x 11	Z760-ND	5.29	4.77	4.24	G6B-2214P-US-DC24	
	DPST-NO	48	7,680	5	5	Fully Sealed	11 x 20 x 11	Z2855-ND	6.90	6.22	5.53	G6B-2214P-US-DC48	
PC Mount Relay Socket for G6B Series SPST													
	PC Mount Relay Socket for G6B Series SPST						10.16 x 23 x 9.9	Z993-ND	1.50	1.35	1.20	P6B-04P	
PC Mount Relay Socket for G6B Series DPST													
	PC Mount Relay Socket for G6B Series DPST						10.16 x 23 x 9.9	Z994-ND	1.93	1.74	1.55	P6B-26P	
4	4 Position Relay Terminal Board - Includes Four G6B Relays, SPST, 12VDC Coils							Z2982-ND	88.92	80.03	71.14	G6B-4BND-DC12	
	4 Position Relay Terminal Board - Includes Four G6B Relays, SPST, 24VDC Coils							Z2983-ND	88.92	80.03	71.14	G6B-4BND-DC24	
	SPST-NO	12	720	5	5	Fully Sealed	10 x 20 x 10	Z2849-ND	4.28	3.86	3.43	G6B-1114P-1-US-DC12	
	SPST-NO	24	2,880	5	5	Fully Sealed	10 x 20 x 10	Z2850-ND	4.40	3.96	3.52	G6B-1114P-1-US-DC24	
	SPST-NO	5	125	5	5	Semi Sealed	10 x 20 x 10	Z945-ND	4.15	3.73	3.32	G6B-1114P-US-DC5	
	SPST-NO	6	180	5	5	Semi Sealed	10 x 20 x 10	Z752-ND	4.15	3.73	3.32	G6B-1114P-US-DC6	
	SPST-NO	12	720	5	5	Semi Sealed	10 x 20 x 10	Z753-ND	4.15	3.73	3.32	G6B-1114P-US-DC12	
	SPST-NO	24	2,880	5	5	Semi Sealed	10 x 20 x 10	Z754-ND	4.26	3.84	3.41	G6B-1114P-US-DC24	
	SPST-NO	5	125	8	8	Semi Sealed	12.5 x 20.2 x 10	Z712-ND	4.95	4.46	3.97	G6B-1174P-US-DC5	
	SPST-NO	12	720	8	8	Semi Sealed	12.5 x 20.2 x 10	Z713-ND	4.95	4.46	3.97	G6B-1174P-US-DC12	
	SPST-NO	24	2,880	8	8	Semi Sealed	12.5 x 20.2 x 10	Z714-ND	5.13	4.62	4.10	G6B-1174P-US-DC24	
	SPST-NO	24	2,880	8	8	VDE Approved	12.5 x 20.2 x 10	Z2874-ND	7.14	6.42	5.71	G6B-1174P-FD-US-DC24	
5	SPST-NO	5	125	5	5	1 Coil Latching	10 x 20 x 10	Z2598-ND	5.21	4.70	4.17	G6BK-1114P-US-DC5	
	SPST-NO	12	720	5	5	1 Coil Latching	10 x 20 x 10	Z2598-ND	5.41	4.87	4.33	G6BK-1114P-US-DC12	
	SPST-NO	24	2,880	5	5	1 Coil Latching	10 x 20 x 10	Z2597-ND	6.77	6.10	5.42	G6BK-1114P-US-DC24	
	SPST-NO	5	125	10	10	Fully Sealed	10.2 x 20 x 15	Z715-ND	4.98	4.48	3.99	G6C-1114P-US-DC5	
	SPST-NO	12	720	10	10	Fully Sealed	10.2 x 20 x 15	Z716-ND	4.98	4.48	3.99	G6C-1114P-US-DC12	
	SPST-NO	24	2,880	10	10	Fully Sealed	10.2 x 20 x 15	Z948-ND	5.13	4.62	4.11	G6C-1114P-US-DC24	
	SPST-NO	5	125	5	5	Fully Sealed	12.5 x 17.5 x 6.5	Z2243-ND	4.41	3.97	3.53	G6D-1A-ASI-DC5	
	SPST-NO	12	720	5	5	Fully Sealed	12.5 x 17.5 x 6.5	Z2242-ND	4.41	3.97	3.53	G6D-1A-ASI-DC12	
	SPST-NO	24	2,880	5	5	Fully Sealed	12.5 x 17.5 x 6.5	Z2244-ND	4.74	4.27	3.80	G6D-1A-ASI-DC24	
	PC Mount Relay Socket for G6D-ASI Series SPST-NO												
		PC Mount Relay Socket for G6D-ASI Series SPST-NO						10.8 x 19.7 x 6.9	Z1684-ND	2.53	2.28	2.03	P6D-04P
	PCB Power Slim Type Relays												
6	SPST	12	1,200	3	3	Fully Sealed	17.5 x 20 x 5	Z2042-ND	4.09	3.69	3.28	G6M-1A-DC12	
	SPST	24	4,800	3	3	Fully Sealed	17.5 x 20 x 5	Z2043-ND	4.41	3.97	3.53	G6M-1A-DC24	
	SPST	5	208	3	3	Fully Sealed	17.5 x 20 x 5	Z2044-ND	4.09	3.69	3.28	G6M-1A-DC5	
7	SPST-NO	5	139	5	5	Standard Sensitivity	12.5 x 20.3 x 5.08	Z2317-ND	4.55	4.10	3.64	G6DS-1A-DC5	
	SPST-NO	12	800	5	5	Standard Sensitivity	12.5 x 20.3 x 5.08	Z2318-ND	4.55	4.10	3.64	G6DS-1A-DC12	
	SPST-NO	24	3,200	5	5	Standard Sensitivity	12.5 x 20.3 x 5.08	Z2319-ND	4.96	4.47	3.97	G6DS-1A-DC24	
	SPST-NO	5	208	5	5	High Sensitivity	12.5 x 20.3 x 5.08	Z2320-ND	4.75	4.28	3.80	G6DS-1A-H-DC5	
	SPST-NO	12	1,200	5	5	High Sensitivity	12.5 x 20.3 x 5.08	Z2321-ND	4.68	4.22	3.75	G6DS-1A-H-DC12	
	SPST-NO	24	4,800	5	5	High Sensitivity	12.5 x 20.3 x 5.08	Z2322-ND	5.09	4.59	4.08	G6DS-1A-H-DC24	
	SPST-NO	5	125	3	3	Standard Sensitivity	12.5 x 17.5 x 6.5	Z1674-ND	1.32	1.19	1.06	G5NB-1A-DC5	
	SPST-NO	12	720	3	3	Standard Sensitivity	12.5 x 17.5 x 6.5	Z1675-ND	1.32	1.19	1.06	G5NB-1A-DC12	
	SPST-NO	12	720	5	10	Unsealed	15.8 x 20.3 x 10.3	Z219-ND	2.04	1.84	1.64	G5O-1A-DC12	
	SPST-NO	24	2,880	5	10	Unsealed	15.8 x 20.3 x 10.3	Z220-ND	2.04	1.84	1.64	G5O-1A-DC24	
	SPST-NO	12	720	5	10	Fully Sealed	15.8 x 20.3 x 10.3	Z223-ND	2.19	1.97	1.75	G5O-1A4-DC12	
	SPST-NO	18	1,080	5	10	Fully Sealed	15.8 x 20.3 x 10.3	Z2978-ND	2.19	1.97	1.75	G5O-1A4-DC18	
SPST-NO	24	2,880	5	10	Fully Sealed	15.8 x 20.3 x 10.3	Z224-ND	2.19	1.97	1.75	G5O-1A4-DC24		
8	SPDT	12	360	5	10	Fully Sealed	15.8 x 20.3 x 10.3	Z221-ND	2.14	1.93	1.71	G5O-1-DC12	
	SPDT	24	1,440	5	10	Fully Sealed	15.8 x 20.3 x 10.3	Z222-ND	2.14	1.93	1.71	G5O-1-DC24	
	SPDT	5	63	5	10	Fully Sealed	15.8 x 20.3 x 10.3	Z2929-ND	2.27	2.05	1.83	G5O-14-DC5	
	SPDT	12	360	5	10	Fully Sealed	15.8 x 20.3 x 10.3	Z225-ND	2.27	2.05	1.83	G5O-14-DC12	
	SPDT	24	2,880	5	10	Fully Sealed	15.8 x 20.3 x 10.3	Z226-ND	2.27	2.05	1.83	G5O-14-DC24	
	SPDT	12	360	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z2536-ND	1.36	1.23	1.09	G5SB-1-DC12	
	SPDT	24	1,440	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z2537-ND	1.46	1.31	1.17	G5SB-1-DC24	
	SPDT	5	63	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z2514-ND	1.36	1.23	1.09	G5SB-1A4-DC5	
	SPDT	12	360	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z2515-ND	1.36	1.23	1.09	G5SB-1A4-DC12	
	SPDT	24	1,440	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z2516-ND	1.46	1.31	1.17	G5SB-1A4-DC24	
	SPDT	5	63	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z1640-ND	1.36	1.23	1.09	G5SB-14-DC5	
	SPDT	9	202	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z1641-ND	1.36	1.23	1.09	G5SB-14-DC9	
SPDT	12	360	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z1642-ND	1.36	1.23	1.09	G5SB-14-DC12		
SPDT	24	1,440	5	5	Fully Sealed	15.8 x 20.3 x 10.3	Z1643-ND	1.46	1.31	1.17	G5SB-14-DC24		
PCB Mount Power Relays with QC Terminals													
10	SPST-NO	12	160	20	20		23.5 x 30.5 x 16	Z952-ND	5.61	5.06	4.49	G4A-1A-E-DC12BYOMZ	

