



Relays & Solenoids

OMRON_PCB Relays

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
36589	G6AU-434P-ST-US-DC24V	OMRON	OMRON_PCB Relay	20.2mm x 10.1mm x 8.4mm	4PDT	0.5 A at 125 VAC, 2 A at 30 VDC	24 VDC	UL,CSA	G6AU-434P-ST-US
36583	G6AU-434P-ST-US-DC3V	OMRON	OMRON_PCB Relay	20.2mm x 10.1mm x 8.4mm	4PDT	0.5 A at 125 VAC, 2 A at 30 VDC	3VDC	UL,CSA	G6AU-434P-ST-US
36585	G6AU-434P-ST-US-DC4.5V	OMRON	OMRON_PCB Relay	20.2mm x 10.1mm x 8.4mm	4PDT	0.5 A at 125 VAC, 2 A at 30 VDC	4.5VDC	UL,CSA	G6AU-434P-ST-US
36590	G6AU-434P-ST-US-DC48V	OMRON	OMRON_PCB Relay	20.2mm x 10.1mm x 8.4mm	4PDT	0.5 A at 125 VAC, 2 A at 30 VDC	48VDC	UL,CSA	G6AU-434P-ST-US
36586	G6AU-434P-ST-US-DC5V	OMRON	OMRON_PCB Relay	20.2mm x 10.1mm x 8.4mm	4PDT	0.5 A at 125 VAC, 2 A at 30 VDC	6 VDC	UL,CSA	G6AU-434P-ST-US
36587	G6AU-434P-ST-US-DC6V	OMRON	OMRON_PCB Relay	20.2mm x 10.1mm x 8.4mm	4PDT	0.5 A at 125 VAC, 2 A at 30 VDC	6VDC	UL,CSA	G6AU-434P-ST-US
36588	G6AU-434P-ST-US-DC9V	OMRON	OMRON_PCB Relay	20.2mm x 10.1mm x 8.4mm	4PDT	0.5 A at 125 VAC, 2 A at 30 VDC	9VDC	UL,CSA	G6AU-434P-ST-US



- Subminiature: 20x10x10mm (LxWxH).
- Low power consumption: 200 mW.
- Unique moving loop armature reduces relay size, magnetic interference, and contact time.
- Single- and double-winding latching types also available. bounce time.

CHARACTERISTICS

Contact resistance: 30 mΩ max.
 Operate (set) time: 10 ms max. (mean value: 1-pole approx. 3 ms, 2-pole approx. 4 ms)
 Release (reset) time: Single-side stable types: 10 ms max. (mean value: 1-pole approx. 1 ms, 2-pole approx. 2 ms)
 Latching types: 10 ms max. (mean value: approx. 3 ms)
 Min. set/reset signal width: Latching type: 15 ms min. (at 23°C)
 Max. operating frequency: Mechanical: 18,000 operations/hr
 Electrical: 1,800 operations/hr (under rated load)
 Insulation resistance: 1,000 M min. (at 500 VDC, at 250 VDC between set coil and reset coil)
 Vibration resistance: Destruction: 10 to 55 Hz, 1.5-mm double amplitude
 Malfunction: 10 to 55 Hz, 1.5-mm double amplitude
 Shock resistance: Destruction: 1,000 m/s²
 Malfunction: Single-side stable: 100 m/s²; Latching: 300 m/s²

Life expectancy: Mechanical: 50,000,000 operations min.

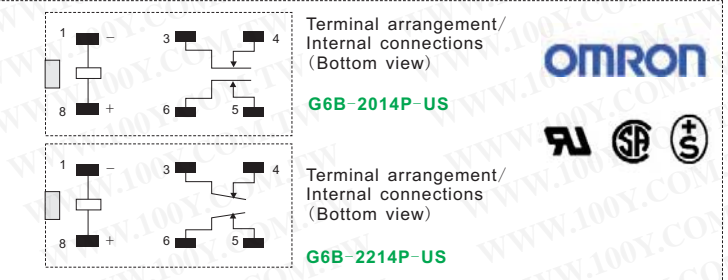
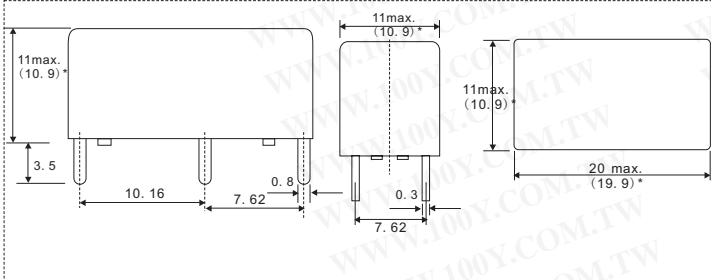
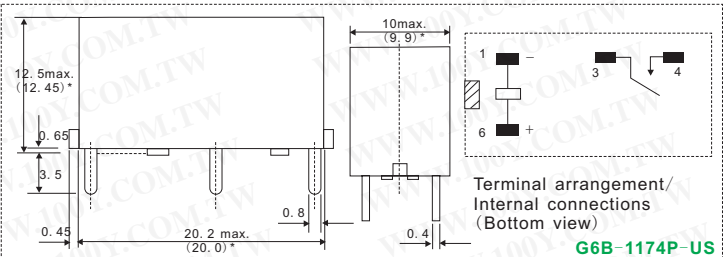
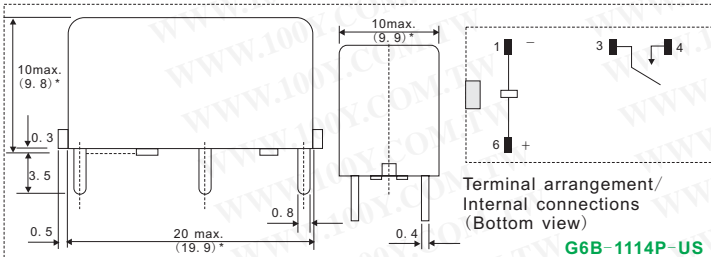
(At 18,000 operations/hr)

Electrical: 100,000 operation min. (at 1,800 operations/hr)

Ambient temperature: Operating: -25°C to 70°C (with no icing)

Storage: -25°C to 70°C (with no icing)

Ambient humidity: Operating: 45% to 85% Storage: 45% to 85%



Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
40504	G6B-1114P-US-DC24V	OMRON	OMRON_PCB Relay	20*10*10mm	SPST-NO	5A/380VAC,5A/125VDC	DC24V		G6B-1114P-US
41063	G6B-1174P-DC24V	OMRON	OMRON_PCB Relay	19*22.5*12.5		24V/5A	24V	UL,CSA , SEV	G4 U
37211	G6B-1174P-DC5V	OMRON	OMRON_PCB Relay	20*10*10		5A 250VAC/5A 30VDC	5V	UL,CSA , SEV	G 6B
39460	G6B-2014P-US-DC5V	OMRON	Straight PCB Relay	20*10*10mm	DPST-NC	5A/ 250Vac,5A/30Vdc	DC5V	CSA,UL	G6B-2014P-US
33465	G6B-2114P-US-DV5V	OMRON	Straight PCB Relay	20*10*10mm	SPST-NO+SPST-NC	5A/ 250Vac,5A/30Vdc	DC5V	UL/CSA	G6B-2114P-US
17980	G6B-2214P-US-DC24V	OMRON	Straight PCB Relay	20*10*10mm	DPST-NO	8A/ 250Vac,5A/30Vdc	DC24V	CSA,RL,	G6B-2214P-US
37421	G6B-2214P-US-DC5V	OMRON	Straight PCB Relay				DC5V		G6B-2214P-US

• If you cannot find the components you want on the catalogue, please call us.



Taiwan: 886-3-5753170

Shanghai: 021-54151736 Shenzhen: 0755-83298787

Centenary Materials

Waiting for your phone call



T E L : Taiwan: 886-3-5753170
 F A X : Taiwan: 886-3-5753172
 E-mail : Taiwan: us_sale@100y.com.tw

Shenzhen: 86-755-83298787
 Shenzhen: 86-755-83640655
 Shenzhen: 100y@163.com

Shanghai: 86-21-54151736
 Shanghai: 86-21-64605107
 Shanghai: 100y-1@163.com