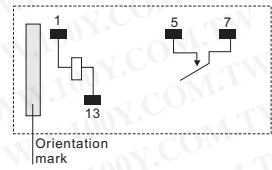
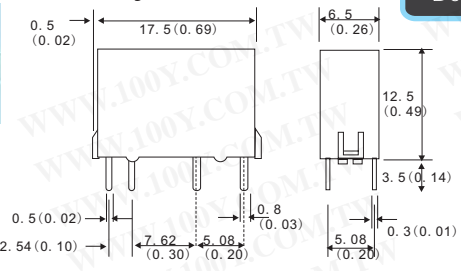




Relays & Solenoids

OMRON_PCB Relays

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



Terminal arrangement/
Internal connections
(Bottom view)

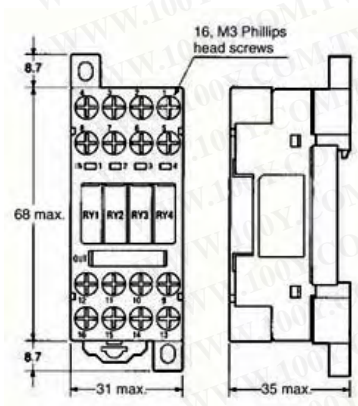
Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
23973	G6D-1A-DC24V	OMRON	OMRON_PCB Relay	17.5*6.5*12.5 x 12.5 H mm	SPST-NO	5 A at 250 VAC, 30 VDC	DC24V	UL,CSA	G6D



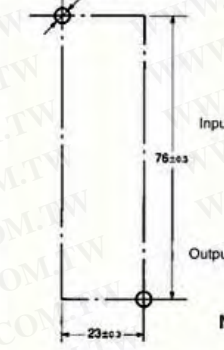
- Almost the same size as PYF Socket: 31 x 35 x 68mm (W x H x D)
- Each terminal circuit (with coil or contact) is independent from one another.
- Short Bar ensures easy connection of common and adjacent terminals.
- Provided with a terminal cover that prevents electric-shock accidents.
- Relay and MOS FET relay models are available.
- LED operation indicator.
- Built-in diode absorbs coil surge.
- Mounts either on DIN track or screws.
- Tool for easy mounting or removal of Relays provided.

CHARACTERISTICS

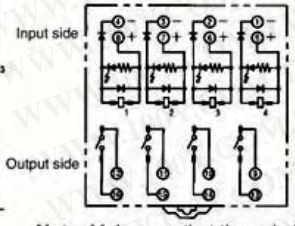
- Contact resistance (see note 2): 100 mΩ max.
- Must operate time (see note 3): 10 ms max.
- Release time (see note 3) ~ 10 ms max.
- Insulation resistance: 1,000 MΩ min. (at 500 VDC)
- Impulse withstand voltage (between coil and contacts): 4,000 V (1.2 × 50 μs)
- Vibration resistance: Destruction: 10 to 55 to 10 Hz, 0.75 mm single amplitude (1.5 mm double amplitude)
- Malfunction: 10 to 55 to 10 Hz, 0.75 mm single amplitude (1.5 mm double amplitude)
- Shock resistance: Destruction: 500 m/s²
- Malfunction: 100 m/s²
- Endurance: Mechanical: 20,000 operations min. (at 18,000 operations/hr)
- Electrical: 100,000 operations min. (3 A at 250 VAC, resistive load)
- 100,000 operations min. (3 A at 30 VDC, resistive load) (at 1,800 operations/hr)
- Ambient temperature: Operating: -25°C to 55°C (with no icing)
- Ambient humidity: Operating: 45% to 85%
- Weight: Approx. 65 g



Mounting Dimensions



Terminal Arrangement/ Internal Connections (Top View)



Note: Make sure that the polarity of the coil is correct.

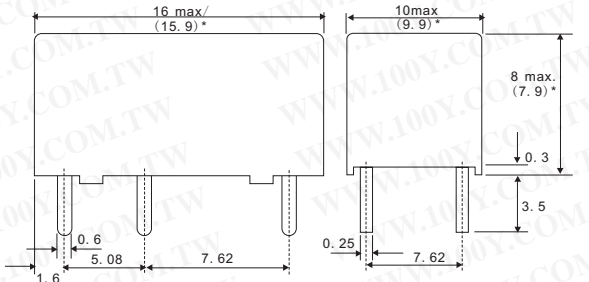
Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
40724	G6D-F4B-DC24V	OMRON	Terminal Relay	31 x 35 x 68 mm	5 A	3 A at 250 VAC, 3 A at 30 VDC	DC24V	UL,CSA	G6D



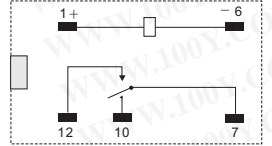
- High sensitivity: 98-mW pickup coil power.
- Impulse withstand voltage meets FCC Part 68 requirements.
- Fully sealed construction.
- Unique moving loop armature reduces relay size, magnetic interference, and contact bounce time.
- Single- and double-winding latching types also available.

CHARACTERISTICS:

- Contact resistance: 50 mΩ max.
- Operate (set*) time: 5 ms max. (mean value: approx. 2.9 ms; 48 VDC type: approx. 2.4 ms)
- Release (reset*) time: 5 ms max. (mean value: approx. 1.3 ms)
- Bounce time: Operate: 3 ms max. (mean value: 0.37 ms)
- Release: 3 ms max. (mean value: 1.12 ms)
- Max. operating frequency: Mechanical: 36,000 operations/hr
- Electrical: 1,800 operations/hr (under rated load)
- Insulation resistance: 1,000 MΩ min. (at 500VDC)
- Dielectric withstand voltage: 1,500 VAC, 50/60 Hz for 1 min between coil and contacts
- 1,000 VAC, 50/60 Hz for 1 min between contacts of same polarity
- Impulse withstand voltage: 1,500 V (10 x 160 μs) (conforms to FCC Part 68)
- Vibration resistance: Destruction: 10 to 55 to 10 Hz, 2.5-mm single amplitude (5-mm double amplitude)
- Malfunction: 10 to 55 to 10 Hz, 1.65-mm single amplitude (3.3-mm double amplitude)



Terminal arrangement/
Internal connections
(Bottom view)



- Shock resistance: Destruction: 1,000 m/s²
- Malfunction: 300 m/s²
- Ambient temperature: Operating: 40°C to 70°C (with no icing)
- Ambient humidity: 5% to 85%
- Weight: Approx. 2.7 g

Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
33697	G6E-134P-US-DC12V	OMRON	OMRON_PCB Relay	15.9*9.9*7.9	SPDT	0.4 A at 125 VAC; 2 A at 30 VDC	DC12V	UL, CSA certified	G6E
23975	G6E-134P-US-DC24V	OMRON	OMRON_PCB Relay	15.9*9.9*7.9	SPDT	0.4 A at 125 VAC; 2 A at 30 VDC	DC24V	UL, CSA certified	G6E



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