

Approved Standards

●The rated values approved by each of the safety standards may be different from the performance characteristics individually defined in this datasheet.

UL Recognized (File No. E41515)

Model	Number of poles	Coil ratings	Contact ratings	Number of test operations
G6D-1A-ASI (-AP)	1	5 to 24 VDC	5 A, 250 VAC 40°C	6,000
			5 A, 30 VDC 40°C	

CSA Certified (File No. LR31928)

Model	Number of poles	Coil ratings	Contact ratings	Number of test operations
G6D-1A-ASI (-AP)	1	5 to 24 VDC	5 A, 250 VAC (Resistive) 40°C	6,000
			5 A, 30 VDC (Resistive) 40°C	

ENTÜV Certified (Registration No. R50167084)

Model	Number of poles	Coil ratings	Contact ratings	Number of test operations
G6D-1A-ASI (-AP)	1	5, 12, 24 VDC	5 A, 250 VAC (cosφ=1.0) 70°C	70,000
			5 A, 30 VDC (0 ms) 40°C	

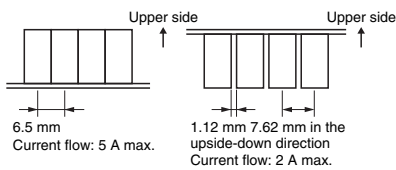
Precautions

●Please refer to “PCB Relays Common Precautions” for correct use.

Correct Use

●Mounting

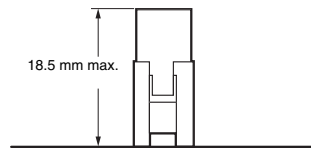
- More than two relays can be closely mounted right side up as shown in the following illustration.



Note. The space between each relay required for heat radiation may vary with operating conditions. Contact your OMRON representative for details.

- Use Surge Killer Diode when switching a DC inductive load in micro load (about 10 to 100 mA).
(Carbon deposition may decrease the contact reliability.)

●Socket Mounting Height



●Mounting to a P6D

- The P6D is flux-resistant. Do not wash the P6D with water.
- Dismount the relay from the socket before soldering the socket to a PCB.