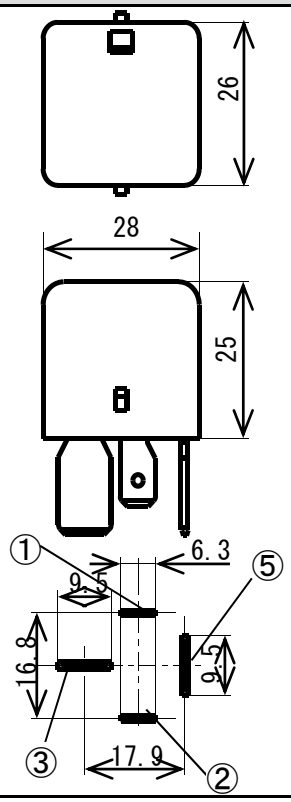
Power mini — *Model : G2*

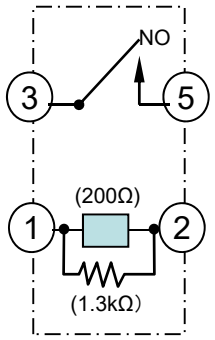
Dimensions



Contact

1a（NO）

Wiring Diagram



Basic Performance

Rated voltage		DC12V
Contact current (Fig.1,2)		0.1～50A
Rated coil current (Between terminal ①and②)		0.069±0.02A (at 20℃)
Coil resistance		200Ω
Voltage drop loss between contacts		Max. 0.3V (at50A)
Operating temp. and voltage range (Fig.3)	Operating voltage	10～16V (at20℃)
	Pull-in voltage	Max.8V (at20℃)
	Drop-out voltage	0.5～5V (at20℃)
Time rating		Continuous operation
Insulation resistance		Min. 10MΩ (With 500V megger under normal temp. And normal humidity)
Installation position		J/B or R/B inside. (Engine room or cabin.)
Use		Lamp, Motor, Solenoid, Resistor
Note		The specifications are initial value.

Fig.1 Maximum contact current

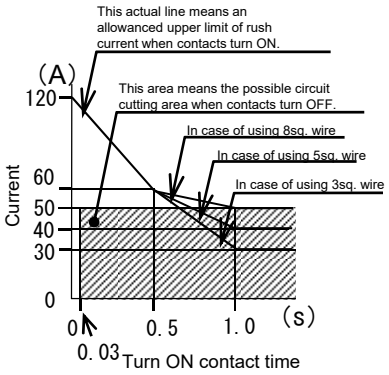


Fig.2 Operating temp. and current range

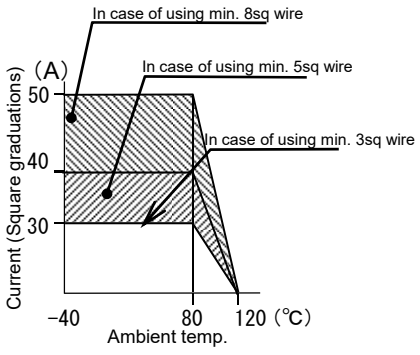


Fig.3 Operating temp. and voltage range

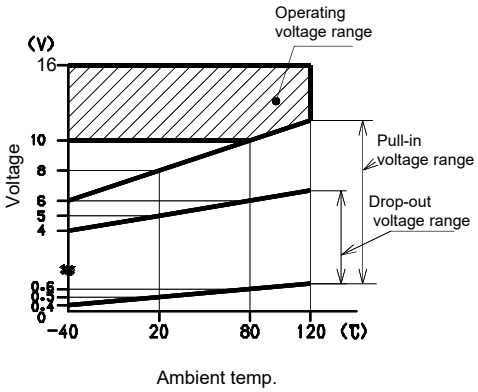


Table 1. Durability Performance（at14±0.5V）

Load	Operation time	Test cycles	Load current	
			Peak	Usual
Lamp	1s ON，9s OFF	50,000	120A	24A
Motor	2s ON，6s OFF	200,000	80A	20A
Solenoid ※	2s ON，6s OFF	200,000	44A	16A
Resistor	1s ON，2s OFF	50,000	50A	50A

※Add an arc killer device. (A diode is connected to the both end of load.)