

Power PCB

Model:PU (THD)

Dimensions	Contact	Basic Performance	
	1a(NO)	Rated voltage	DC12V
	Wiring Diagram	Contact current (Fig.1,2)	0.1~20A
		Rated coil current	0.02±0.004 (at 20°C)
		Coil resistance	600Ω
		Voltage drop loss between contacts	Max. 0.2V (at20A)
		Operating temp. and voltage range (Fig.3)	Operating voltage: 10~16V (at20°C) Pull-in voltage: Max.8V (at20°C) Drop-out voltage: 0.5~5V (at20°C)
		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

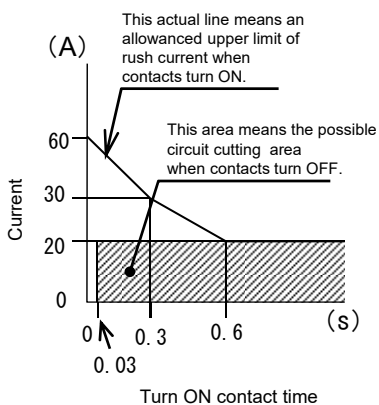


Fig.2 Operating temp. and current range

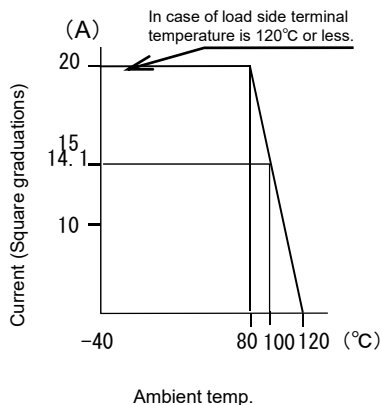


Fig.3 Operating temp. and voltage range

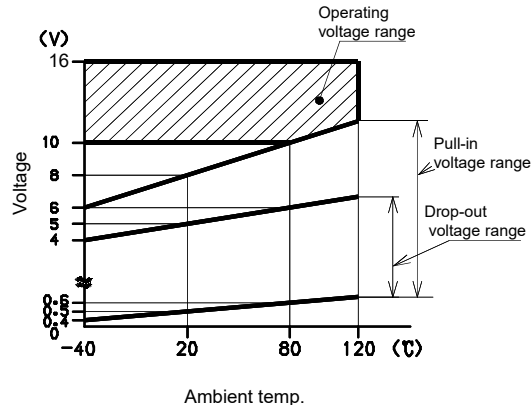


Table 1. Durability Performance (at14±0.5V)

Load	Operation time	Test cycles	Load current	
			Peak	Usual
Lamp	1s ON , 9s OFF	50,000	40A	6A
Motor	2s ON , 6s OFF	200,000	60A	14A
Solenoid ※	2s ON , 3s OFF	2,000,000	3.2A	3.2A
Resistor	1s ON , 2s OFF	50,000	20A	20A
	1s ON , 2s OFF	100,000	10A	10A

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