

High Current Micro

Model : F3

Dimensions	Contact	Specifications		
	1a (NO)	Rated voltage	DC12V	
	Wiring Diagram		Contact current (Fig.1,2)	0.1 ~ 35A
		Rated coil current (Between terminal ① and ②)	0.058±0.02A (at 20°C)	
		Coil resistor	260Ω	
		Voltage drop loss between contacts	Max. 0.2V (at35A)	
		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

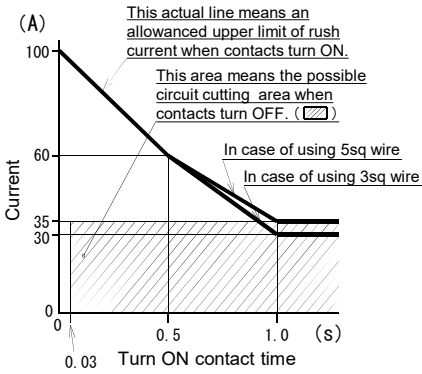


Fig.2 Operating temp. and current range

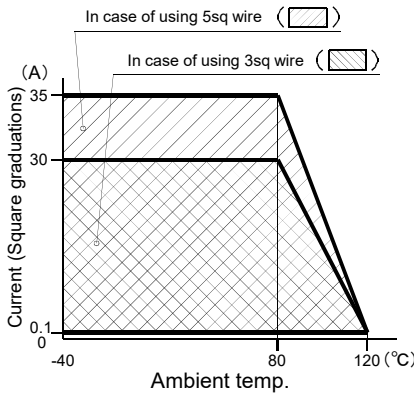


Fig.3 Operating temp. and voltage range

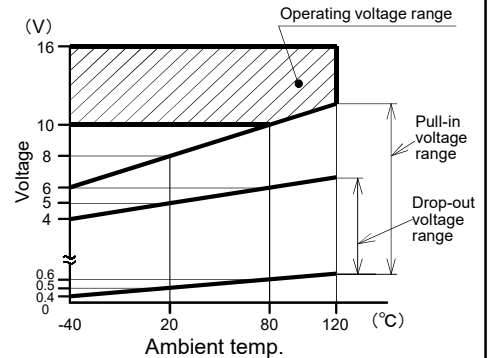


Table 1. Durability Performance (at14±0.5V)

Load	Operation time	Test cycles	Load current	
			Peak	Usual
Lamp	1s ON , 9s OFF	50,000	100A	20A
Motor	2s ON , 6s OFF	200,000	80A	20A
Solenoid ※	1s ON , 5s OFF	200,000	32A	12A
Resistor	2s ON , 2s OFF	50,000	35A	35A

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