





Resistive Load	Standard Type	High Power Type
	1A: 30A 12VDC	1A: 40A 12VDC
	1B: 20A 12 VDC	1B: 30A 12 VDC
	1C: NO 30A 12VDC	1C: NO 40A 12VDC
	NC 20A 12VDC	NC 30A 12VDC

COIL DATA		
Nominal voltage	12VDC	24VDC
Pull in voltage (Max) at 20°C	7.8VDC	17VDC
Drop out voltage (Min) at 20°C	1.2VDC	2.4VDC
Coil resistance at 20°C	80 ±10%	320 ±10%

SPECIFICATION			
Operating temperature	Standard type	-40 ~ +85º C	
	High power type	-40 ~ +70º C	
Voltage drop between contact terminal (initial value)		300mV (AT 10AMPS)	
Operate time		10 ms Max.	
Release time		10 ms Max.	
Insulation resistance		50 M Min. (DC 500V)	
Dielectric strength		AC 500V, 50/60Hz 1 min.	
Vibration resistance		10~55Hz, amplitude 2.0 mm	
Life Expectancy		Mechanical	>10,000,000 operations
			(frequency 18,000 operations/hr)
		Electrical	>100,000 operations
			(frequency 1,200 operations/hr)
Weight		Approx. 40g	

