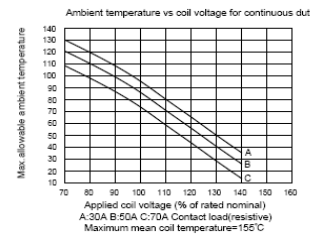
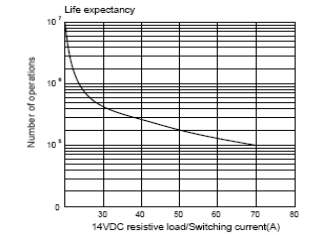
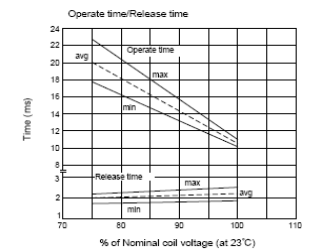
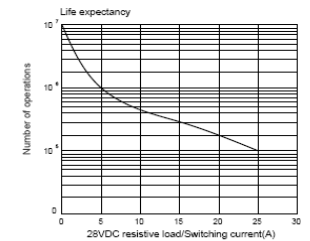
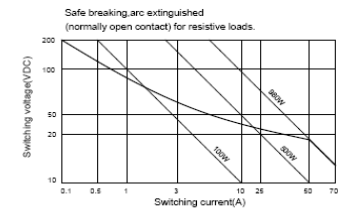


Engineering Data



Coil Rating(DC)

Rated voltage (V)	Rated current (mA)	Coil resistance (Ω)	Max. continuous Voltage at 85°C ⁽¹⁾	Pick up voltage(Max) at 23°C	Drop out voltage(Min) at 23°C	Power consumption at rated voltage
12	133	90	120 % of rated voltage	65 % of rated voltage	10 % of rated voltage	approx. 1.6W

Notes : (1) Continuous contact current at 50A.

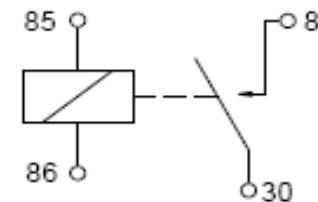
Specification

Contact material	AgSnO alloy	
Contact voltage drop ⁽¹⁾	Typ. 30mV at 10A	
Insulation resistance ⁽¹⁾	20 MΩ Min. (DC 500V)	
Operate time ⁽¹⁾	20ms Max.	
Release time ⁽¹⁾	20ms Max.	
Dielectric strength ⁽¹⁾	Between open contact	: AC 500V , 50/60Hz 1 min.
	Between contact and coil	: AC 500V , 50/60Hz 1 min.
Vibration resistance	Operating extremes	10~55Hz , amplitude 2mm
	Operating extremes	10G
Shock resistance	Operating extremes	10G
	Damage limits	100G
Life expectancy	Mechanical	10,000,000 operations (frequency 18,000 operations/hr)
	Electrical	100,000 operations (frequency 1,200 operations/hr)
Temperature range	Operating	-40~+125 °C (no freezing)
Weight	Approx. 40 g	

Note : (1) initial value

Wiring Diagram

BOTTOM VIEW



Contact Rating

Max. Continuous current	70A 14VDC, 25A 28VDC
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Uncontrolled copy



DESCRIPTION

Change Over Relay w/Mounting Bracket

Date: 12/01/08

PART NO: 73998

*Part not drawn to scale.