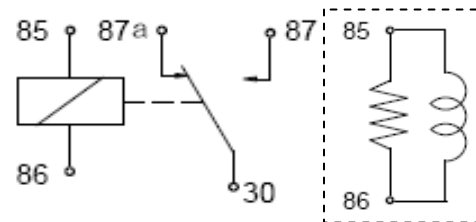


Wiring Diagram

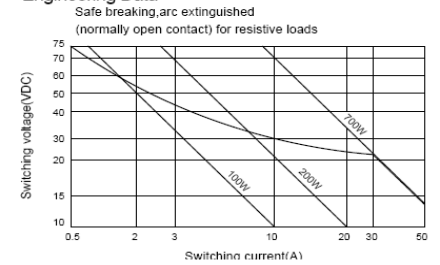
BOTTOM VIEW



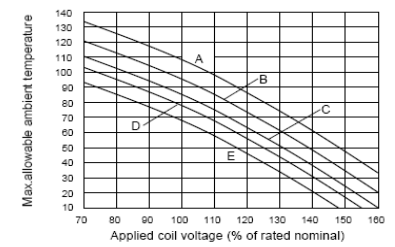
Contact Rating

Resistive load	NO : 50A 14VDC
	NC : 30A 14VDC

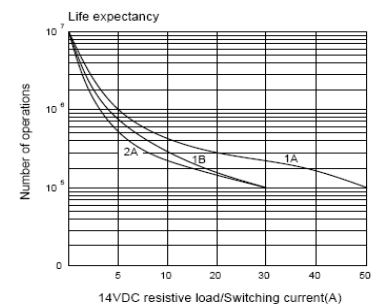
Engineering Data



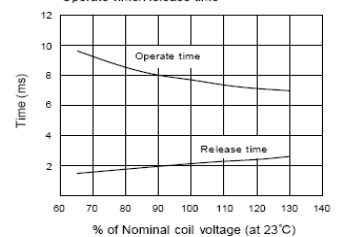
Ambient temperature vs coil voltage for continuous duty



A:0A B:25A C:30A D:40A E:50A Contact load(resistive)
Maximum mean coil temperature=155°C



14VDC resistive load/switching current(A)



Coil Rating (DC)

Rated voltage (V)	Rated current ±10 % at 23 °C (mA)	Coil resistance ±10 % at 23 °C (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) Without switching the load.

Specification

Contact material	AgSnO alloy	
Contact voltage drop ⁽¹⁾	Typ. 50mV at 10A	
Insulation resistance ⁽¹⁾	20MΩ 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
	Damage limits	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

*Part not drawn to scale.

Uncontrolled copy



DESCRIPTION

Change Over Relay, w/Resistor

Date: 12/01/08

PART NO: 74982