

■ Features

- Class B standard ; Class F version available
- Switching capacity 20A, 14VDC ; 15A, 120VAC
- Most popular industry footprint and package
- Choice of contact materials
- Automotive versions "M" available

Too New For Photo!

■ Coil Data

	Nominal Voltage (VDC)	Coil Resistance (W $\pm 10\%$)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)
STD	5	70	3.5	0.5
	6	100	4.2	0.6
	9	225	6.3	0.9
	12	400	8.4	1.2
	24	1600	16.8	2.4
	48	6400	33.6	4.8
Code M	6	45	3.2	0.6
	12	180	6.3	1.2
	24	720	12.6	2.4

■ Contact Data

Contact Arrangement		1 Form A (1A); 1 Form C (1C)
Contact Code/Material		Nil:AgNiO ; A:AgniO _{1.5} ; C: AgCdO; S:AgSnOI ₂ O ₃
Contact Rating/Code		C=10A, 28VDC/120VAC ; A=20A, 14VDC
Max. Switching Voltage		30VDC, 250VAC
Max. Switch Current		Code C= 15A ; Code A= 20A
Max. Continuous Current		15A
Minimum Load (reference)		Code C=0.5A, 12VDC ; Code A: 10mA, 5VDC
Initial Resistance		100mOhm @ 100mA, 5VDC
Life	Mechanical	1 x 10 ⁶ operations @ rated load
	Electrical	1 x 10 ⁵ operations @ rated load

■ How to order

Basic Model G73 M C S - DC12 C

Version: Blank = Standard

M = Automotive type

Contact Form: A = 1 Form A;

C = 1 Form C

Contact Material: Blank= AgNiO; A=AgNiO_{1.5};
C=AgCdO; S=AgSnOI O

Coil Voltage(VDC): 3,5,6*,9,12*,24*,48

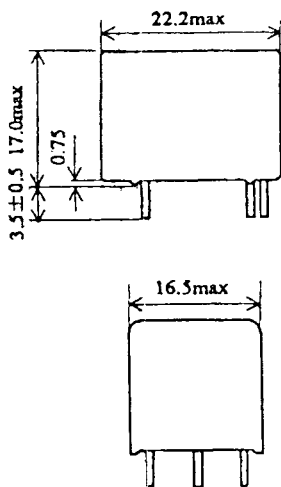
Enclosure: D = Dust Cover; S = Sealed

Note: Code M contacts only available in AgNiO & AgNiO_{1.5} and coil voltages marked with *.

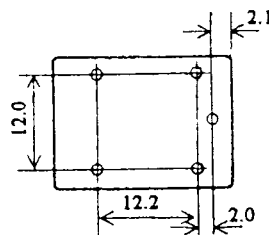
■ Characteristics

Operate Time	10ms, max.
Release Time	5 ms, max.
Dielectric Strength	1500Vrms (1 minute, coil to contacts) 1000Vrms (1 minute contact to contact)
Insulation Resistance	100mOhm @ 500VDC
Shock Resistance	10g, operative ; 100g, non-destructive
Vibration Resistance	DA 1.5mm, 10-55Hz
Drop Test	1 meter drop on concrete in final enclosure (6 axii)
Power Consumption	360mW (Code C) ; 800mW (Code A)
Ambient Temperature	Standard: -40 C to +85 C operating; -40 C to +130 C storage (Class B) Code A Type: -40 C to +105 C operating; -40 C to +155 storage (Class F)
Weight	12g, approx.

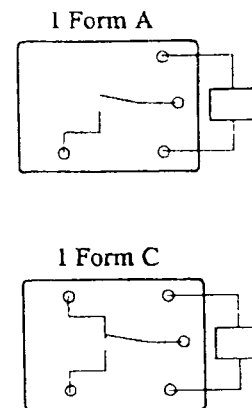
■ Dimensions, PCB, and Wiring Diagrams



PCB Opening



Wiring Diagram



Notes:

1. All values, unless otherwise specified, are measured at ambient temperature of 20°C.
2. Specifications subject to change without prior notice.