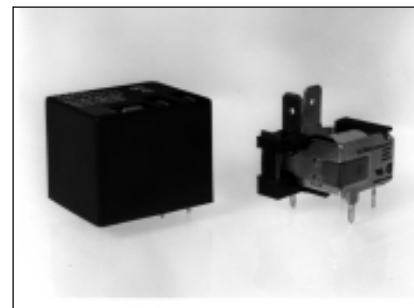


■ Features

- 45A Capacity utilizing blow-out magnet technology
- PCB power terminals, top QC load terminals
- Meets UL508 & UL873 spacing requirements
- Available in Class B or Class F versions

■ Characteristics

- Operate Time: 15ms, approx.
- Release Time: 10ms, approx.
- Initial Dielectric Strength: 1500 VAC
- Insulation Resistance: $>100\text{M}\Omega @ 500 \text{ VDC}$
- Shock Resistance: 100m/s 11ms^2
- Vibration Resistance: 10-55Hz, 1.5mm DA
- Power Consumption: 1W, approx.
- Ambient temperature: -55°C to $+85^\circ\text{C}$ operating
- Weight: 32g, approx.



Typical Applications: Electric Heater, Air Conditioning, Automotive, Refrigeration, Refrigeration, Appliances, Ventilator

■ Contact Data

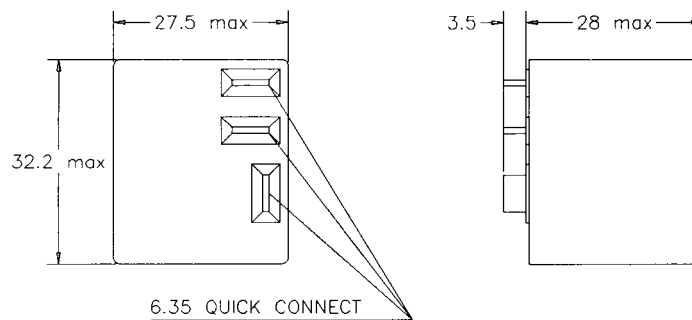
- Contact Arrangement: 1 Form A (1A) ; 1 Form B (1B) ; 1 Form C (1C)
- Rated Load: 1A = 45A @ 28VDC/240VAC
1B = 15A @ 28VDC/240VAC
1C = N/O 30A @ 28VDC/240VAC
N/C 15A @ 28VDC/240VAC
- Contact Material: AgCdO
- Contact Resistance: 50m Ω @ 100A, 6VDC
- Electrical Life: 5 x 10 operations (typical)
0.5 x 10 operations @ 16A, 277VAC/24VDC, Resistive
0.2 x 10 operations @ 20A, 277VAC/24VDC, Resistive
0.25 x 10 operations @ 8A, 120VAC, Tungsten

■ Coil Data

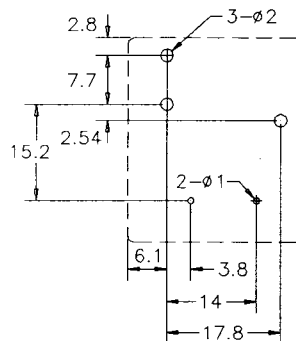
Nominal Voltage	Resistance +/- 10%	Must Operate Max. V	Must Release Min V
5	27	3.75	0.5
6	40	4.50	0.6
9	97	6.75	0.9
12	155	9	1.2
24	660	18	2.4
48	2560	36	4.8
110	13440	82.50	11.0

■ Overall Dimensions, PCB and Wiring Diagrams

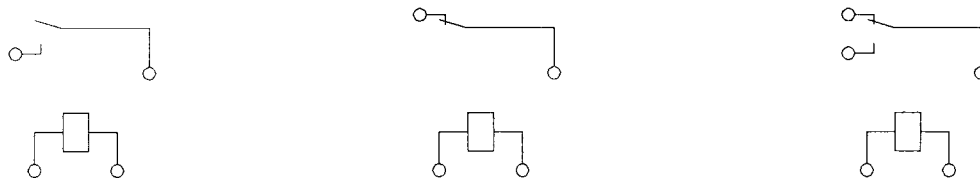
Overall Dimensions



PCB Opening



Wiring Diagram



■ How to Order

G903 A S - DC12 - 2

Basic Model
Contact Arrangement: A=1A; B=1B; C=1C
Cover: O=Open Frame; D=Dust Cover; S=Sealed
Coil Voltage (DC): 5,6,9,12,18,24,48,110
Insulation Class: Blank= Class B; 2=Class F