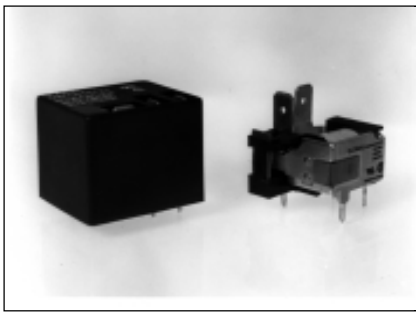
G903

■ *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



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

■ *Characteristics*

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

■ *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: 50mOhm @ 100A, 6VDC
- Electrical Life: 5 x 10 operations (typical)
  0.5 x 10 opeations @ 16A, 277VAC/24VDC, Resistive
  0.2 x 10 operations @ 20A, 277VAC/24VDC, Resistive
  0.25 x 10 operations @ 8A, 120VAC, Tungsten

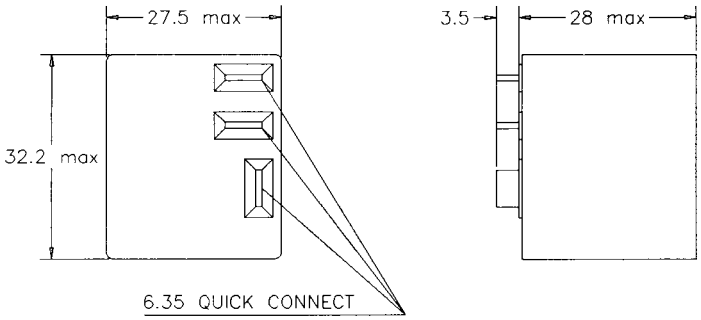
■ *Coil Data*

*N*ominal 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

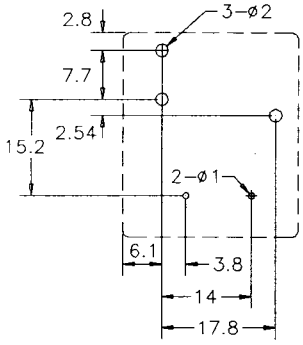
65 SHARK RIVER ROAD, NEPTUNE, NEW JERSEY 07753-7423 USA
TOLL FREE (732) 922-8330 FX (732) 922-6363 E-mail: globalcomponents@msn.com

■ *Overall Dimensions, PCB and Wiring Diagrams*

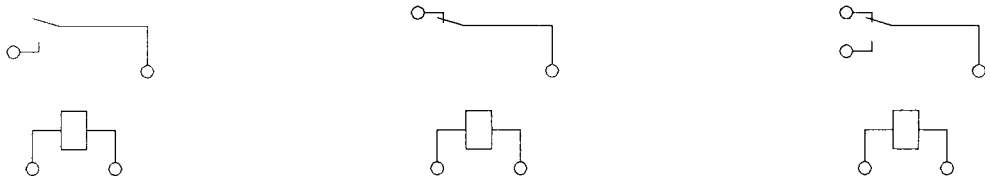
Overall Dimensions



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

65 Shark River Road, Neptune, New Jersey 07753-7423 USA
PH (732) 922-6333 FX (732) 922-6363 E-mail: globalcomponents@msn.com