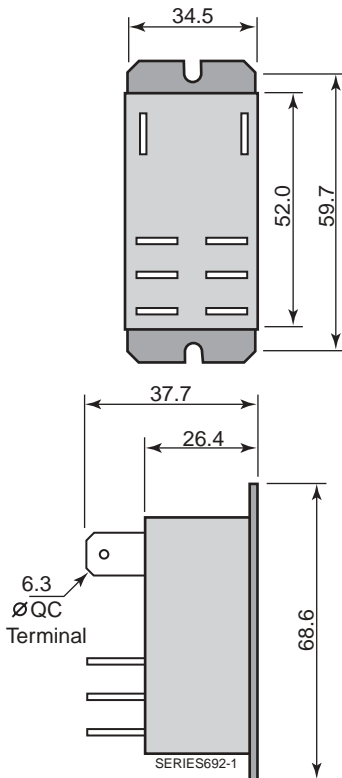




**Power Relay - Series 692
700-218 &
700-220 to 700-221**

Operating Manual



All Dimensions are in millimetres

COIL DATA @ 25°C Coil Temperature)			
DC Coils (1.7W)		AC Coils (4.0VA)	
Nominal Voltage (VDC)	DC Resistance (Ω ± 10%)	Nominal Voltage (VAC)	DC Resistance (Ω ± 10%)
6	22	24	39
12	86	120	950
24	350	208	2841
48	1390	240	3800
1100	7255	277	5485



Features

Miniature chassis mount, double pole heavy duty relay

30A, 120/277Vac resistive.
1HP 120Vac, 2.5HP 240Vac contact normally closed.
3A, 28Vdc or 277Vac
2A, 480Vac or 1A, 600Vac

- Coils from:** 6V - 110Vdc
24V - 277Vac
- Isolation:** 4kV contact to coil.
Between contacts 1500Vrms
Between poles 2000Vrms
- Ambient:** AC coil -40 to +65°C, DC coil -40 to +85°C
- Must pick up: voltage** 75% dc coils, 85% ac coils
- Drop out voltage:** 10% dc coils



Specification	692
Ambient Temperature	Storage: -55 to +155°C Operating: AC Coil: -40 to +65°C DC Coil: -40 to +85°C
Vibration Resistance	0.065" (1.65mm) double amplitude for 10-55Hz, functional.
Shock, Operational	10g for 11ms, 1/2 sine wave pulse with no contact opening >100µs
Shock, Mechanical	100g for 11ms, 1/2 sine wave pulse
Insulation Resistance	1000MΩ @ 500V
Initial Dielectric Strength	Between Coil + Contacts: 4,000 Vrms, 50/60Hz Between Open Contacts: 1,500 Vrms, 50/60Hz Between Poles: 2,000Vrms, 50/60Hz AC Coil: 4.0VA DC Coil: 1.7W 15ms typical (25ms max w/bounce) 10ms typical (25ms max w/bounce)
Coil Consumption	3 oz (86g) approximately
Operate Time:	Silver Cadmium Oxide
Release Time	Normally Open Contacts: 500mA @ 12V AC/DC
Weight	Normally Closed Contacts: 100mA @ 6V AC/DC
Contact Material	100,000 operations at rated load
Min. Load Rating	5,000,000 operations.
Electrical Life	
Mechanical Life	