



**Power Relay - Series 691**  
**700-200 to 700-201**  
**700-204 to 700-208**  
**700-300**

## Operating Manual

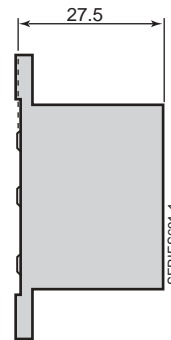
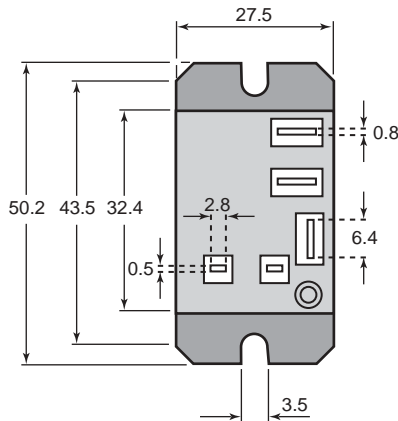


### Features

Miniature chassis mount, single pole heavy duty relay:

30A contact normally open.  
 20A contact change over.

**Coils from:** 5V - 110Vdc  
 12V - 240Vac  
**Isolation:** 2.5kV contact to coil.  
**Ambient:** -55 to +85°C  
**Must pick up voltage:** 75% dc coils  
 85% ac coils  
**Drop out voltage:** 10% dc coils  
 20% ac coils



All Dimensions are in millimetres

Coil Data at 25°C	DC Coil	AC Coil
Nominal Voltage (VDC)	Resistance (Ω ± 10%)	Resistance (Ω ± 10%)
5	27	
6	40	
9	97	
12	155	25
15	256	
18	380	
24	660	100
48	2560	
70	5500	
110	13450	
120		2500
240		11000

<b>Specification</b>	691
<b>Ambient Temperature</b>	-55 to +85°C
<b>Vibration Resistance</b>	10 to 55Hz, 1mm (double amplitude)
<b>Shock Resistance</b>	<i>Malfunction:</i> 100 m/s <sup>2</sup>
	<i>Mechanical:</i> 1000m/s <sup>2</sup>
<b>Insulation Resistance</b>	1000MΩ
<b>Initial Dielectric Strength</b>	Between Coil + Contacts: 2500V AC
	Between Open Contacts: 1500V AC
<b>Coil Consumption</b>	DC: 0.9W AC: 2VA
<b>Operate Time:</b>	Less than or equal to 15ms

Contacts	Voltage	Form A (NO)	Form Change over N/O	N/C
UL File Rating				
Resistive or Inductive	240Vac	30A	20A	10A
Resistive	30Vdc	20A	20A	10A
Motor	240Vac	2HP	2HP	1/2HP



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