



## PLASTIC HOUSING DC CONTACTOR FAMILY

### Series 93000 & 94000

Contactors are electromechanical devices using a strong high temperature plastic housing to surround an efficient solenoid actuated contactor. Produced in a variety of sizes and pole configurations, plastic contactors are ideal for high volume cost sensitive applications.

STROKES

OF GENIUS

# Plastic Housing DC Contactor Family

Trombetta is the leader in customized industrial electric solenoid actuators and DC Contactors. The following specifications are examples only. Trombetta can customize to your exact application specifications.

## Series 93000 & 94000 Specifications

Contacts Are Normally Open On All Models

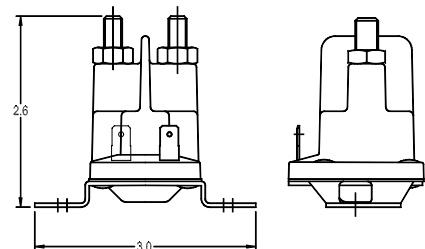
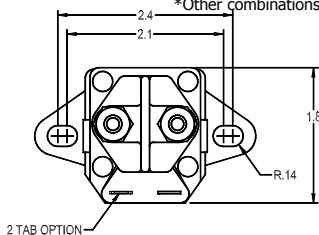
General Modifications	
Coil Terminals:	1 (93000 Series) or 2 (94000 Series) 10/32 Stud(s) or 1/4" Spade
Contact Studs:	5/16-24 or 1/4-20 Studs
Mounting Bracket:	Straight or L

Model	Coil Voltage Nominal VDC	Maximum Sustained Duty Cycle <sup>1</sup>	Maximum Sustained On Time <sup>1</sup>	Contact Current Carrying Capability, Amps at Maximum Duty Cycle	Contact Peak Inrush current Capability, Amps (inductive load) <sup>2</sup>	Pull In Voltage, Volts at 25° C <sup>3</sup>
<b>12V Intermittent High Performance</b>	12	15%	30 Seconds	200	600	5.2
<b>12V Intermittent Standard</b>	12	15%	20 Seconds	200	300	8.5
<b>12V Continuous</b>	12	100%	Continuous	100	400	8.7
<b>24V Continuous</b>	24	100%	Continuous	100	400	17.3
<b>36V Continuous</b>	36	100%	Continuous	100	400	26

Model	Hold Voltage, Volts at 25° C <sup>3</sup>	Nominal Coil Resistance, Ohms at 25° C	Contact Material Type	Standard Operating Temp. Range <sup>3&amp;4</sup>
<b>12V Intermittent High Performance</b>	2.4	2.5	Copper	-30 to 140 °F
<b>12V Intermittent Standard</b>	4	3.8	Copper	-40 to 140 °F
<b>12V Continuous</b>	1.9	16	Silver Alloy	-40 to 140 °F
<b>24V Continuous</b>	3.8	64	Silver Alloy	-40 to 140 °F
<b>36V Continuous</b>	5.6	140	Silver Alloy	-40 to 140 °F

- Notes: <sup>1</sup> Nominal coil voltage applied starting from 25° C solenoid temperature.  
<sup>2</sup> Risetime ≥ 3 milliseconds to 80% of peak inrush with linear decay to run (carry) current in ≤ .1 second (typical start motor)  
<sup>3</sup> Voltages listed are minimum required at 25°C. Minimum voltages requirements will increase with coil temperature.  
<sup>4</sup> Operation outside of specified range may be allowed with appropriate derating-consult factory with details application specifications

Straight bracket with spade coil terminals  
 \*Other combinations available



L bracket with stud coil terminals  
 \*Other combinations available

