

Metal DC Contactor

*“Completely retooled
to assure consistent quality
and performance.”*



The Metal DC Contactor has been completely retooled to provide dimensional consistency and electrical performance. When consistent quality and performance are required, this Metal has the mettle to come through. The applications may vary, but the performance never does.



Designed to fit a variety of high current switching and pole configurations, Trombetta Metal DC

Contactors can be used in a variety of applications, ranging from military vehicles to hydraulic controls, from golf cars to stationary equipment.

 **TROMBETTA • TYMPANIUM**

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Metal DC Contactor Specifications

Coil Terminals	1 or 2 : 10-32 Stud(s)
Contact Studs	5/16-24 Studs Standard & Long (see drawing)
Mounting Bracket	Flat or Curved, open or closed slots
Standard Operating Temperature Range	-40° C to 60° C
Contact Terminal Torque	35 lbs
Coil Terminal Torque	15 lbs

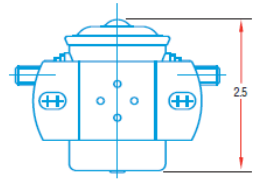
Coils

Contact

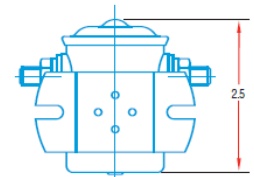
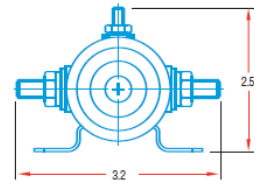
Model	Max Sustained Duty Cycle ¹	Max On Time	Pull In Voltage ²	Hold Voltage ²	Coil Resist Ohms	Resistive Load Carry/Interrupt Capability (Amps) ³	Inductive Load Carry/Interrupt Capability (Amps) ³	Peak Inductive Inrush Capability (Amps) ⁴	Electrical Cycle Life	Contact Material
12V Intermit.	20%	30 Seconds	5.5	2.0	3.6	300/300	300/300	700	50,000	Copper
12V Intermit.	60%	10 Minutes	6.0	2.3	7.1	250/300	250/300	700	50,000	Copper
12V Cont.	100%	Cont.	7.0	2.5	14.4	125/250	125/250	600	50,000	Copper
24V Intermit.	20%	30 Seconds	11.0	4.0	14.4	300/300	300/300	600	50,000	Copper
24V Intermit.	60%	10 Minutes	12.0	4.6	28.4	200/200	200/200	600	50,000	Copper
24V Cont.	100%	Cont.	15.0	5.0	57.0	125/200	125/200	500	50,000	Copper
36V Intermit.	60%	10 Minutes	19.0	7.0	64.0	125/200	125/200	500	25,000	Copper
36V Cont.	100%	Cont.	25.0	8.0	130.0	125/125	125/125	500	25,000	Copper

¹Nominal coil voltage applied starting from 25° C DC Contactor temperature. Duty Cycle=On Time/(On Time + Off Time). ²Voltages listed are minimum required at 25° C coil temperature. Minimum voltage requirements will increase with coil temperature. ³Amps at Max Duty Cycle. ⁴Risetime ≥ 3 milliseconds to 80% of peak inrush with linear decay to run (carry) current in ≤.1 seconds.

TYPICAL DIMENSIONS



Flat mount, closed slots.
Other options available.



Curved mount, open slots.
Other options available.

