Bear DC Contactor Specifications

Coil Terminals	2: 10-32 Studs
Contact Studs	5/16-24 Studs
Mounting Bracket	Flat or Curved
Standard Operating Temperature Range	-40° C to 85° C

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.	50%	15 minutes	6.5	2.5	6.0	300/300	300/300	600	25k Copper 50k Silver	Copper or Silver
12V Cont.	100%	Cont.	7.5	3.0	7.7	225/225	225/225	600	25k Copper 50k Silver	Copper or Silver
24V Intermit.	50%	15 minutes	12.0	5.0	27.0	300/300	300/300	600	25k Copper 50k Silver	Copper or Silver
12V Cont.	100%	Cont.	14.0	6.0	32.0	225/225	225/225	600	25k Copper 50k Silver	Copper or Silver
36V Cont.	100%	Cont.	21.0	7.5	69.0	225/225	225/225	600	50k Silver	Silver
48V Cont.	100%	Cont.	30.0	12.0	126.0	225/225	225/225	600	50k Silver	Silver

[1]Nominal coil voltage applied starting from 25° C DC Contactor temperature. Duty Cycle–On Time/(On Time + Off Time). [2]Voltages listed are minimum required at 25° C coil temperature. Minimum voltage requirements will increase with coil temperature. [3]Amps at Max Duty Cycle (300 amps for 60 seconds or 400 amps for 30 seconds). [4]Risetime ≥ 3 milliseconds to 80% of peak inrush with linear decay to run (carry) current in ≤ 1 seconds.

Enter Complete Part Number Below –
Ordering Information • Some configurations are not available. Contact your Trombetta sales rep before ordering.

Family	Coil Connection Configuration	High Current Stud	Coil Voltage	Bracket Type	Bracket Location	Duty Cycle	Contact Material	Sealing
[X]	[X]	[X] –	[X][X]	[X]	[X] –	[X]	[X]	[X]
1- Bear	1- Non-Grounded (2)10-32 Studs	0- 5/16-24 SPDT and 5/16-24 Standard Length Studs	12- 12 Volt	1- Flat	1- 1.890" Standard Location	0- 100% Continuous	1- Copper	0- No Additional Sealing
	2- Non-Grounded (2)10-32 Studs + (2) Spades	2- 1/4-20 Stud	24- 24 Volt	2- Curved	2- 2.620" Requires Drilling of Housing	5- 50% Sustained	2- Silver Alloy Contacts	
		4- Standard Bear	36- 36 Volt				5- Alloy Silver Plated Movable	
			48- 48 Volt				6- Alloy Silver Plated Movable & Stationary	