Continuous Duty PowerSeal Specifications

Coil Terminals	2: 10-32 Studs
Contact Studs	5/16-24 Studs
Mounting Bracket	L, Flat, 900, L Flat, L Curved, and Flat L Wide
Standard Operating Temperature Range	-40° C to 65° C
12V, 36V, and 48V	Can carry 300 amps for 60 seconds or 400 amps for 30 seconds
12V, 36V, and 48V Can interrupt current	400 amps for 100 cycles over the expected product electrical life

Coils / Contact

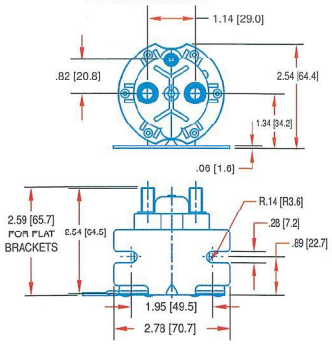
Model	Max Sustained Duty Cycle[1]	Max On Time	Pull In Voltage[2]	Hold Voltage[2]	Coil Resist Ohms	Resistive Load Carry/Interrupt Capability (Amps)[3]	Inductive Load Carry/Interrupt Capability (Amps)[3]	Peak Inductive Inrush Capability (Amps)[4]	Electrical Cycle Life	Contact Material
12V Cont.	100%	Cont.	7.5	3.5	13.5	150/250	150/250	800	100,000	Copper
15V Cont.	100%	Cont.	9.5	4.0	17.5	150/250	150/250	800	100,000	Copper
24V Cont.	100%	Cont.	16	7.0	48	150/0	150/0	Not intended to switch current	100,000	Copper with Silver Alloy Plating/ Silver Alloy
36V Cont.	100%	Cont.	24	10.4	105	150/0	150/0	Not intended to switch current	100,000	Copper with Silver Alloy Plating/ Silver Alloy
48V Cont.-	100%	Cont.	32	13.9	195	150/0	150/0	Not intended to switch current	100,000	Copper with Silver Alloy Plating/ Silver Alloy

[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. [4]Risetime ≥ 3 milliseconds to 80% of peak inrush with linear decay to run (carry) current in ≤.1 seconds.

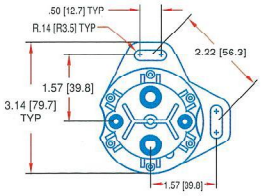
Enter Complete Part Number Below –
Ordering Information • Some configurations are not available. Contact your Trombetta sales rep before ordering.

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
6- Power Seal	3- Grounded 10/32	4- Standard Power Seal		12- 12 Volt	1- L Bracket, Curved	1- Standard			0 - 100% Continuous	1- Intermittent Duty & 12V Continuous Duty - Copper, 24, 36 & 48V Continuous Duty, Silver Alloy Stationary Contacts with Silver Alloy Plated Moveable Contacts.	2- Sealed Design
	[illegible] Non-Grounded [illegible] 10/32			15- 15 Volt	2- Flat Bracket				2 - 25%		
				24- 24 Volt	3- Curve Bracket						
				36- 36 Volt	4- 90 Degree Bracket						
				48- 48 Volt	5- L Bracket, Flat						
					6- L Bracket Curved Narrow						
					7- L Bracket Flat, Long						

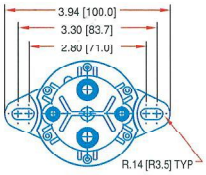
L Flat Bracket



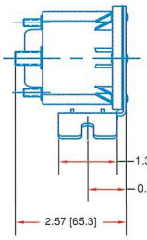
90° Bracket
Refer to L Bracket configuration for additional dimensions.

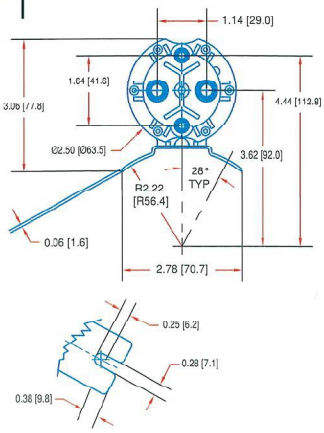


Flat Bracket
Refer to L Bracket configuration for additional dimensions.



L Bracket





Other brackets are available. Please see our web site (www.trombetta.com) for additional drawings.

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