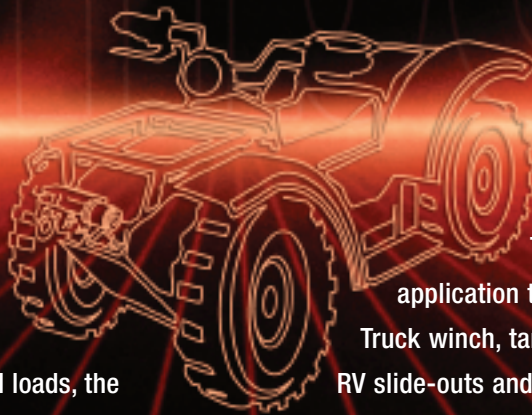


SPDT Metal DC Contactor



Power up fast with the SPDT Metal DC Contactor from Trombetta. With higher in-rush capability and the ability to carry higher electrical loads, the SPDT handles the initial thrust at the start and the ability to deliver the power required for tough jobs.

The SPDT is perfect for any application that requires reversing motion: Truck winch, tarp systems, boatlifts, RV slide-outs and RV leveling systems.

TROMBETTA 
DC Power Solutions for a Harsh World

SPDT DC Contactor Specifications

| | |
|--------------------------------------|---|
| Coil Terminals | 1 or 2 : 10-32 Stud(s) |
| Contact Studs | (4) 5/16-24 Studs Standard & Long (see drawing) |
| Mounting Bracket | Flat or Curved, open or closed slots |
| Standard Operating Temperature Range | -40° C to 85° C |
| Contact Terminal Torque | 35 lbs |
| Coil Terminal Torque | 15 lbs |

Coils

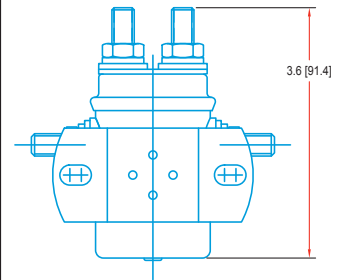
Contact

| 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 | 6.0 | 2.0 | 3.6 | 300/200 | 300/200 | 700/500 | 50,000 | Copper |
| 12V Intermit. | 60% | 10 Seconds | 7.0 | 2.3 | 7.1 | 250/150 | 250/150 | 600/400 | 50,000 | Copper |
| 12V Cont. | 100% | Cont. | 8.0 | 2.5 | 14.4 | 125/100 | 125/100 | 500/300 | 50,000 | Copper |
| 24V Cont. | 100% | Cont. | 14.0 | 5.0 | 40.0 | 125/100 | 125/100 | 500/300 | 50,000 | Copper |
| 36V Cont. | 100% | Cont. | 27.5 | 7.5 | 130.0 | 125/100 | 125/100 | 400/250 | 25,000 | Copper |

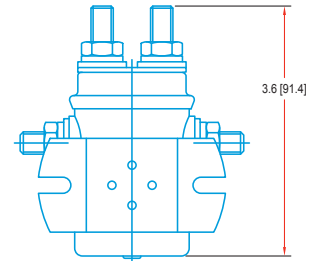
Contacts are Normally Open/Normally Closed on All Models

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.

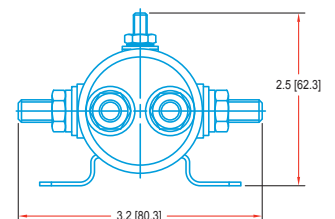
TYPICAL DIMENSIONS



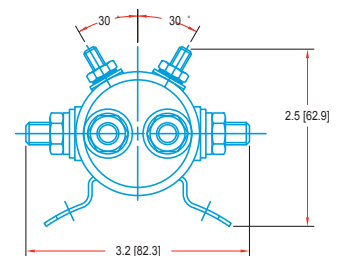
BOTTOM VIEW



BOTTOM VIEW



FRONT VIEW



FRONT VIEW

