

Reduce Installation Costs and Weight by eliminating large cable runs to manual switches through robust remote switching of high-ampere engine & auxiliary loads.

Ensure Flawless Operation for the Life of the Installation with a hermetically sealed contactor sealed against dust & moisture intrusion.

Get Positive Confirmation of Relay On/Off State with optional auxiliary contacts that support remote status indication.

High Contact Voltage Rating easily supports 12 or 24 Vdc control voltage applications while also supporting higher switching voltage applications up to 48 V and well beyond.



250 A Version Also Available



Ignition Protected safe for installation in closed compartments with potential explosive gases



High Electrical Switching Endurance delivers 6,000 cycles at 100A / 350V, 100,000 cycles at 100A / 14V



High Interrupt Current Capability safely able to open in a locked starter situation (up to 1,250 A @ 14 Vdc)

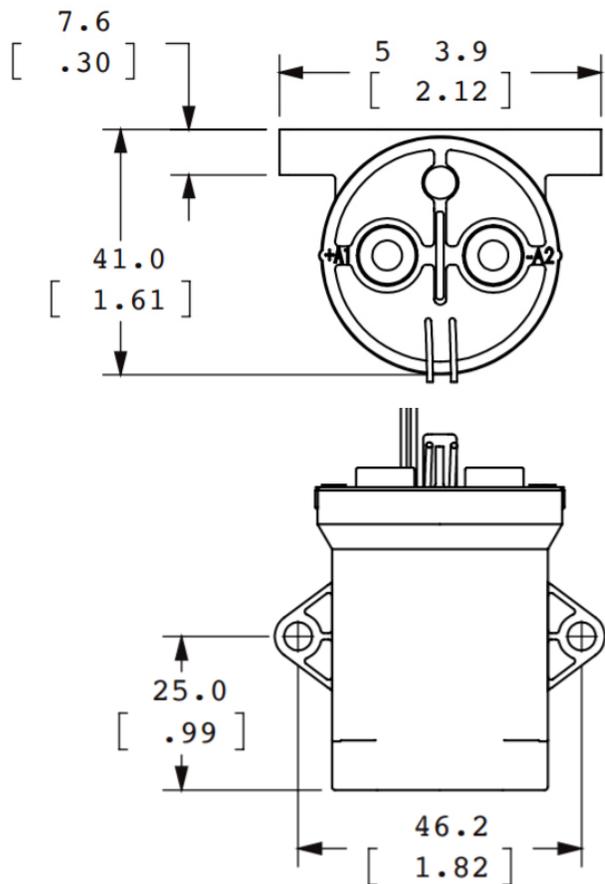


Bullet-proof Construction: Sealed device, high temp materials for engine compartment applications, and stainless self-locking hardware.

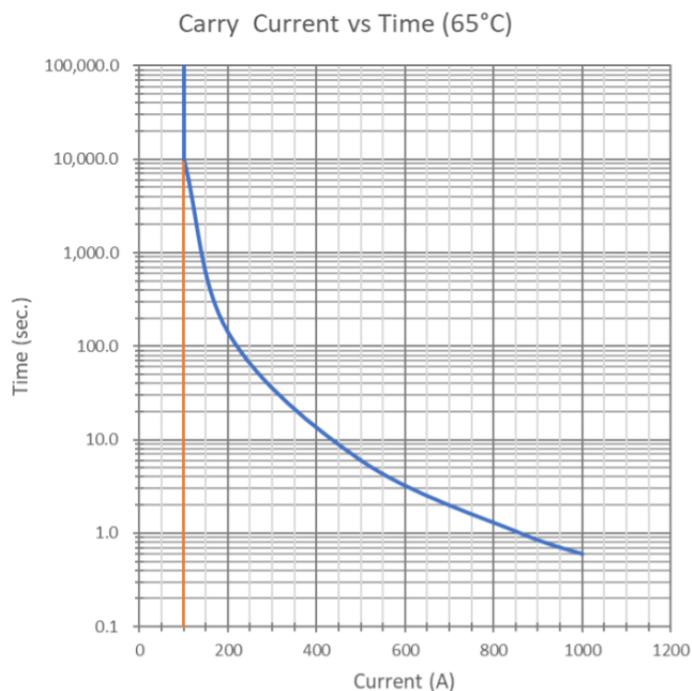


4 Year Industry Leading Warranty

Product Dimensions



Carry Current vs Time



Copper Conductor: 30mm²

Electrical Specifications

| | 12 V | 24 V |
|-------------------------------------|------------------|-----------|
| Operational Control Voltage Range | 8-16 Vdc | 16-28 Vdc |
| Coil Power Draw (Nominal) | 5.5 Watts | 6.0 Watts |
| Minimum Pick-Up Voltage (20 C) | 8.0 Vdc | 16.0 Vdc |
| Maximum Pick-Up Voltage (85 C) | 9.6 Vdc | 19.2 Vdc |
| Max Drop-Out Voltage | 1.2 Vdc | 2.4 Vdc |
| Continuous Holding Current | 0.46 A | 0.25 A |
| Rated Coil Resistance | 26 Ohms | 96 Ohms |
| Electrical Life (450 Vdc / 100 Amp) | 6,000 Cycles | |
| Dielectric Voltage Withstand | 2,200 VRMS | |
| Maximum Break Current (320 Vdc) | 1,250 Amps | |
| Maximum Contact Voltage | 900 Vdc | |
| Continuous Current ⁽¹⁾ | 100 Amps | |
| Contact Arrangement | SPST-NO (Form A) | |
| Aux Contacts | Normally Open | |

(1) Dependent on Cable Conductor Size

Additional Specifications

| | |
|---|------------------------------|
| Max Operating Temperature | 85 C (185 F) |
| Min Operating Temperature | -40 C (-40 F) |
| Terminal Material | Silver Plated Copper |
| Housing Material | Nylon (UL 94-V0) |
| Hardware Material | 18-8 Stainless, Self-Locking |
| Terminal Stud Size | M5-0.8 |
| Max Terminal Stud Torque | 40 in-lbs (4.5 N-m) |
| Cable Terminal Stud Hole Size | #10 (M5) |
| Ignition Protection | ISO-8846 / UL 1500 |
| Flammability Rating | UL 94 V0 |
| Operating Humidity | 0 to 90% RH |
| Ingress Protection | IP67 / IP6K9K |
| Mounting Holes Size | #8 / M4 |
| Mechanical Shock | 35g / 10 cycles |
| Control Wires (White) / Aux Wires (Black) | Length - 15" / 20AWG |

Part Numbers

| | Resell Pack | Bulk Pack |
|--------------------------------------|-------------|-----------|
| Contact, 100A, 12V | 7023 | 7023B |
| Contact, 100A, 12 V, w/ Aux Contacts | 7024 | 7024B |
| Contact, 100A, 24 V | 7025 | 7025B |
| Contact, 100A, 24 V, w/ Aux Contacts | 7026 | 7026B |

Similar Part Numbers

| | Resell Pack | Bulk Pack |
|---|-------------|-----------|
| Contact, 250A, 12/24 V | 7021 | 7021B |
| Contact, 250A, 12/24 V, w/ Aux Contacts | 7022 | 7022B |

*** DISCONNECT BATTERY FROM POWER DISTRIBUTION SYSTEM BEFORE INSTALLING PRODUCT TO PREVENT ELECTRICAL SHOCK OR PRODUCT DAMAGE**



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