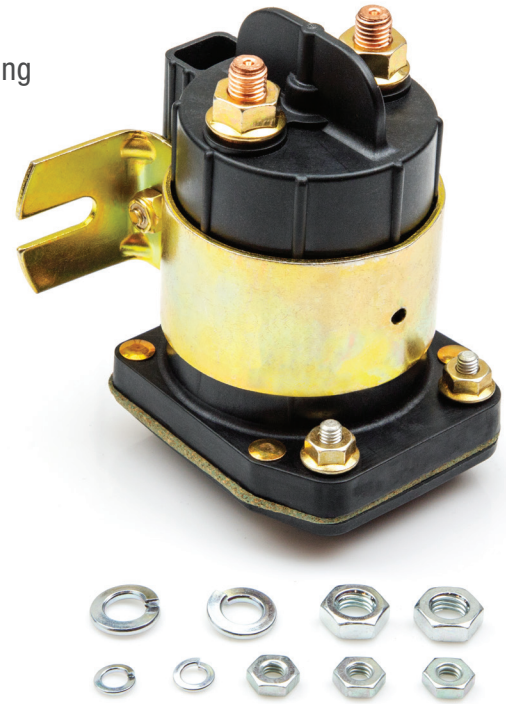
# Pollak® | BEAR DC CONTACTORS

Strong construction and the ability to “bear” a high current-carrying capability have earned the Pollak® Bear DC Contactor family its name. It’s big, but efficient – the Bear provides a solution to high-current switching applications. Transportation, large machinery, and portable vehicles that carry multi-battery systems are excellent candidates to take advantage of the Bear’s strengths.



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

| COILS | | | | | | | CONTACT | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Part No. | 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 |
| **114-1211-020-02P** | 12V Cont.. | 100% | Cont. | 7.5 | 3.0 | 7.7 | 225/225 | 225/225 | 600 | 25k Copper 50k Silver | Copper or Silver |
| **114-2411-020-02P** | 24V Cont. | 100% | Cont. | 14.0 | 6.0 | 32.0 | 225/225 | 225/225 | 600 | 25k Copper 50k Silver | Copper or 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 3.3 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.

**Typical Dimensions**