

Pollak® | PLASTIC DC CONTACTORS

A durable, high-temperature-resistant plastic housing makes Pollak® Plastic DC Contactors suitable for a variety of environmental conditions. These Contactors are perfect for small engine starting applications and driving electric motors, including utility vehicles, golf carts and floor sweepers. The high-temperature coil assembly and brass carrier for the moving contacts stand up under punishing cranking duty, and are surrounded by strong, high-temperature-resistant housings. Produced in a variety of voltages and configurations, these Plastic DC Contactors are built for a sure start and a strong finish.

- **Coil Terminals:** (2) 10-32 Studs (non-grounded)
- **Contact Studs:** 5/16-24 Studs
- **Standard Operating Temperature Range:** -40°C to 60°C



| Part No. | Model | COILS | | | | | CONTACT | | | | |
|------------------|-------|---------------------------------------|-------------|------------------------------|---------------------------|------------------|---|---|--|-----------------------|------------------|
| | | 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 |
| 784-1221-020-20P | 12V | 100% | Cont. | 8.5 | 3.0 | 18.6 | 100/100 | 100/100 | 400 | 50,000 | Silver Alloy |
| 784-2421-020-20P | 24V | 100% | Cont. | 16.0 | 5.0 | 76.0 | 100/100 | 100/100 | 400 | 50,000 | 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.

