



# DoD Quick Reference Guide



## Product

## Standard Features



**AC Contactors**

- ◆ Mil-DTL-2212 specification AC control
- ◆ Operation: magnetic solenoid
- ◆ Sizes 0 - 6
- ◆ Multiple configuration types to address a wide range of applications



**MDR Rotary Relays**

- ◆ Standard meets requirements of MIL-R-19523B (SH)
- ◆ Contact arrangements 4 PDT-12 PDT
- ◆ Incremented contact ratings eliminates need to have to connect in series
- ◆ Standard and low noise options



**Overload Relays**

- ◆ Specification MIL-R-2033
- ◆ Function: motor overload protection
- ◆ Thermal, AC and DC magnetic and reset versions
- ◆ Operation: magnetic inverse time delay type, self reset.



**N302 Relays**

- ◆ Electronic overload relay
- ◆ Four line voltage inputs / Two line voltage outputs
- ◆ Ethernet, MODBUS, PROFIBUS communications
- ◆ Emulates wide variety of electromechanical overload relays



**Indicator Lights**

- ◆ Dualamp indicator lights
- ◆ Application with DC 50, 60, or 400 Hz AC systems
- ◆ 90 ° and straight line configurations
- ◆ Shock, vibe, moisture resistance, dielectric withstanding voltage and voltage insulation tested



**US Navy Motors**

- ◆ NAVSEA Mil-M-17059/17060 for Grade A and C shock applications on naval vessels
- ◆ HP range: 1/16HP - 300HP
- ◆ Wide range of mounting options and configurations
- ◆ Proven reliability through decades of service in the Fleet

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## Product



**Navy Noise Quiet Motors**

## Standard Features

- ◆ Certified for Mil-Std-740 (noise testing)
- ◆ Tested and engineered to meet exact specifications
- ◆ Built to meet the U.S. Navy's toughest operational standards



**Submersible Motors**

- ◆ MIL-M-17060 and MIL-STD-108 submersible compliant for at least 15 ft.
- ◆ Operational submerged or in open air
- ◆ Wide range of sizes and physical orientation choices
- ◆ Proven reliability through decades of usage



**MG Sets**

- ◆ Designs 70 through 300 KW
- ◆ 60 and 400 Hz
- ◆ Designed to Mil-Spec standards
- ◆ For both submarine and surface-combatant service



**Control Circuit Transformers**

- ◆ Type series 106.531, control circuit
- ◆ Insulation Class B
- ◆ Application: voltage step down
- ◆ Continuous duty



**Starters**

- ◆ Thermo static bimetal overload protection
- ◆ Low voltage release
- ◆ Cable entrance from top or bottom
- ◆ Mil-DTL-2212 compliant



**Switches**

- ◆ Master, limit, pushbutton, and rotary selector variants
- ◆ Mil-DTL-2212 compliant
- ◆ Spring returning or maintaining contacts
- ◆ Watertight and non-watertight options



**ABT Switches**

- ◆ Mil-PRF-17773 specification
- ◆ A1, A2, or A3 configurations
- ◆ 25-Amp to 600-Amp loads
- ◆ Modular architectures



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