

Soft starters for Naval Applications

Rotating radar mast

Motor ratings: 440V, 17A, 60Hz



SEM-N 17A, 60Hz, 440V

Tall masts on small vessels create destabilizing due to the weight of the Radar antenna and its gear-motor system.

Reducing the weight is physically possible only to the point where the gear will not be damaged by the starting torque. Solcon designed a special soft starter that would allow a lighter and smaller gear to be started with a higher power motor.

The SEM-N soft starter designed specifically for naval applications that would withstand the harsh environmental conditions of Mil-Std requirements.

To date, over 20 active naval vessels in fleets from Israel to the Far East have been fitted with the Solcon solution.



MIL-Spec tests included:

- Temperature cycle
- Mechanical shock
- Vibration
- Humidity & condensation
- Salt mist
- ESS; Environmental Stress Screening