

# UNDERWATER PROPULSION SYSTEM: DC MOTOR CONTROL SYSTEM

**P/N: Q866 – Q867 – Q868**

**DESCRIPTION: DC MOTOR CONTROL SYSTEM**

**NOMINAL POWER: 12 KW**

SYSTEM INPUT LINE: FROM 100 TO 150 VDC

MOTOR VOLTAGE SUPPLY: 3PH UP TO 60VAC 125HZ

SYSTEM COMPONENTS > **ST126**:

- Q866 – AUXILIARY BOX
- Q867 – DRIVE
- Q868 – FILTER UNIT
- MCA279 - MOTOR

MAIN PROJECT STANDARDS REFERENCES:

- MIL-STD-810 (Environmental conditions)
- MIL-STD-461 (EMC)
- MIL-STD-167-1 (Vibration)
- MIL-STD-740 (Noise)
- MIL-S-901 (Shock)



COOLING SYSTEM: EXTERNAL WATER COOLED

IP GRADE: IP44

ELECTRIC INTERFACE: MIL CONNECTORS

CONTROL INTERFACE: PLC or RS232

APPLICATION FIELD: NAVAL DEFENCE

**KEY POINT: LOW AIRBORNE & STRUCTUREBORNE NOISE**