

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

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