## EC300 POWER COMMANDER CLUTCH/ENGINE CONTROL SYSTEM

The EC300 Power Commander® Clutch/Engine Control system was developed specifically for industrial applications requiring remote control of a hydraulic power take off (HPTO) or marine transmission and engine. The EC300 Clutch/Engine Control system can have multiple remote control locations; each with a control head that provides the operator with neutral, clutch engage and throttle command, all on one lever.

The EC300 Clutch/Engine Control system is based on our EC300 Propulsion Control system which has been used in the commercial marine industry for nearly 15 years. The EC300 provides for a number of configurable operational features; however all systems provide for active system monitoring, diagnostics and fault indication with event logging. An optional display is available for providing both operational data and system diagnostics.

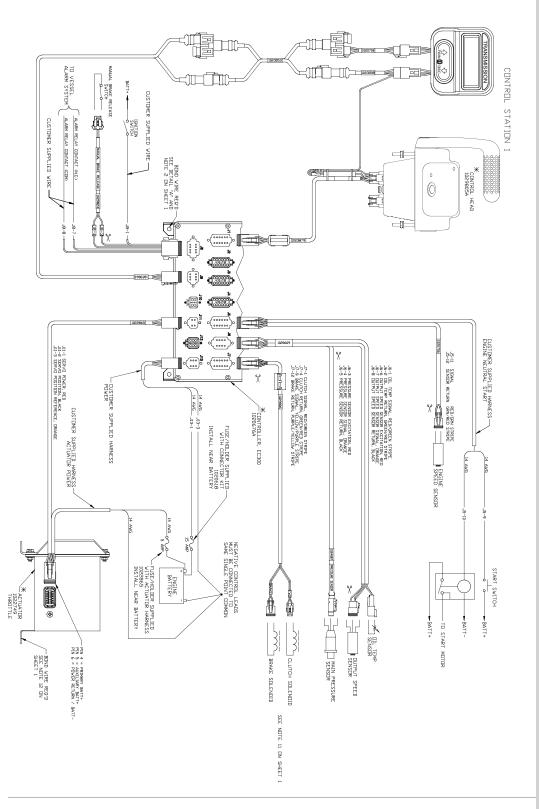


## **FEATURES & BENEFITS:**

- Operate from 12VDC or 24VDC battery power
- Operating temperature range: -40° to 70°C
- J1939 CANBus interface includes operating status messages from the EC300
- · LED Indicators for providing operational status as well as fault codes
- · Alarm relay output for fault conditions
- Monitoring of engine speed to protect clutch during engagement process
- Special clutch engagement profile for controlled engagement process, to help ensure precise clutch engagement without overloading the engine or damaging the clutch
- · Integrated brake control
- Monitoring oil pressure, temperature and filter (if installed)
- · Actuator option for mechanically governed engine







Twin Disc, Incorporated reminds users of these products that their safe operation depends on use in compliance with engineering information provided in our catalog. Users are also reminded that safe operation depends on proper installation, operation and routine maintenance and inspection under prevailing conditions. It is the responsibility of users (and not Twin Disc, Incorporated) to provide and install guards or safety devices which may be required by recognized safety standards or by the Occupational Safety and Health Act of 1970 and its subsequent provisions.

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For nearly a century, we've been making boats perform better and more reliably. From system-design consultation to application development to in-service support, Twin Disc provides fully integrated propulsion solutions that will optimize your craft's performance, reliability and safety over the years. Bring Twin Disc aboard early in the development process, and you'll enjoy a lifetime of enhanced operating value.

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