

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



Specifications subject to change without prior notice in the interest of continual product improvement.
Contact your local Twin Disc representative for engineering specifications. Patent pending.

Scan QR code to see the entire Twin Disc Marine product line.



