



# Type 5500-5900

Electric shaft simulates a mechanical interconnection between the control head levers. Moving the lever at the station in command causes all other levers in the system to follow. This provides continuous alignment with the commanding lever position at all stations. Because all levers are continually aligned, control transfer between stations is smooth and “bumpless”.

### FEATURES

- Single or dual lever
- Reliable communication and transceiver technology for the marine environment
- Dual 24 V<sub>DC</sub> inputs use ship's power supplies
- Self diagnostics with status indication
- TS 35x7,5 rail mount

### APPLICATIONS

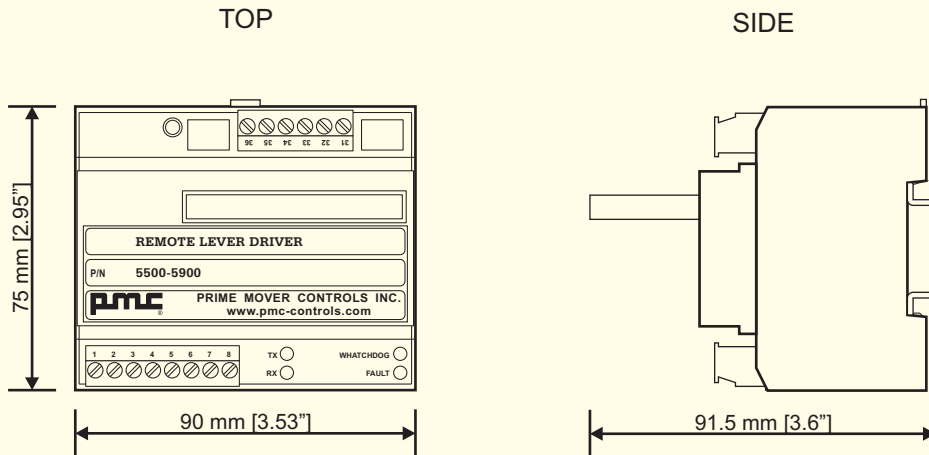
For use with alternate control heads configured for electric shaft in a Series 8550-2000 MPC-D Marine Propulsion Control System when a Type 5500-5000 Remote Display is used.

## REMOTE LEVER DRIVER

ELECTRIC SHAFT



## DIMENSIONS FOR 5500-5900 REMOTE LEVER DRIVER



SCALE 1 : 2

### SPECIFICATIONS:

#### Supply:

- Dual 24 V<sub>DC</sub> inputs
- Nominal 24 V<sub>DC</sub> range 18 to 36 V<sub>DC</sub>
- Typical 90 mA @ 24 V<sub>DC</sub>
- Peak 2 A @ 24 V<sub>DC</sub>

#### Environmental:

- Operating temperature -20 to +70 °C
- Storage temperature -30 to +85 °C
- Vibration: Frequency range 2-100 Hz  
Peak to peak amplitude 2 mm below 13.2 Hz  
Acceleration amplitude 0.7 g above 13.2 Hz

#### Physical:

- IP40 case
- Dimensions:  
90 mm L × 75 mm W × 91.5 mm H  
(3.53" L × 2.95" W × 3.6" H)
- Weight, typical 0.24 kg (0.65 lbs)
- Removable terminal blocks for 14 to 20 AWG wires

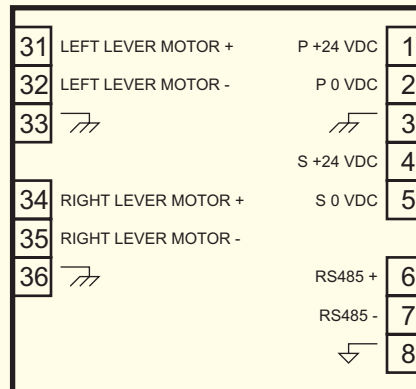
#### Diagnostics:

- Watchdog LED
- Diagnostic fault LED flashes error codes
- Tx & Rx activity LEDs

#### Inputs/Outputs:

- Lever motor drivers: 24 V<sub>DC</sub>, 1.3 A current limiting
- RS 485 communication port

### ELECTRICAL DIAGRAM



## PRIME MOVER CONTROLS INC.

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