

AutoChief® 600

Standalone safety system



KONGSBERG



Description

The ESU is an engine safety-monitoring and emergency Shut Down and Slow Down unit for all types of 2-stroke engines.

The ESU module uses several digital inputs and outputs. It has two independent power-supply inputs with a built in automatic changeover function between inputs.

Main input groups are:

- Engine sensor monitoring
- RPM monitoring
- RPM instruments
- Manual emergency stop
- I/O for remote control system
- I/O for governor
- I/O for alarm system
- Shut Down system
- Slow Down system

The module is equipped with a dual CAN-bus interface between the modules. I/O interface to other systems such as governor, remote control system and alarm system.

Power, watchdog and CAN-bus status can be monitored directly through a built in light emitting diode (LED).

- Multiple built-in redundancy
- Extensive internal self-check features on most lines.
- Dual redundant 24 VDC power input.
- Solenoid driver with line check.
- Alarm and monitoring for all channels.
- Time stamp of alarms and events (0.001 seconds).
- Self-checking.
- Power overload detection
- CAN-bus status detection and error handling.

An advanced, yet simple to use 13.3" touch screen computer give access to all system functions, providing the information you need only when you need it.

The 13.3" AIPC has three dedicated buttons below the screen:

- Sound off
- Home
- Alarm acknowledge

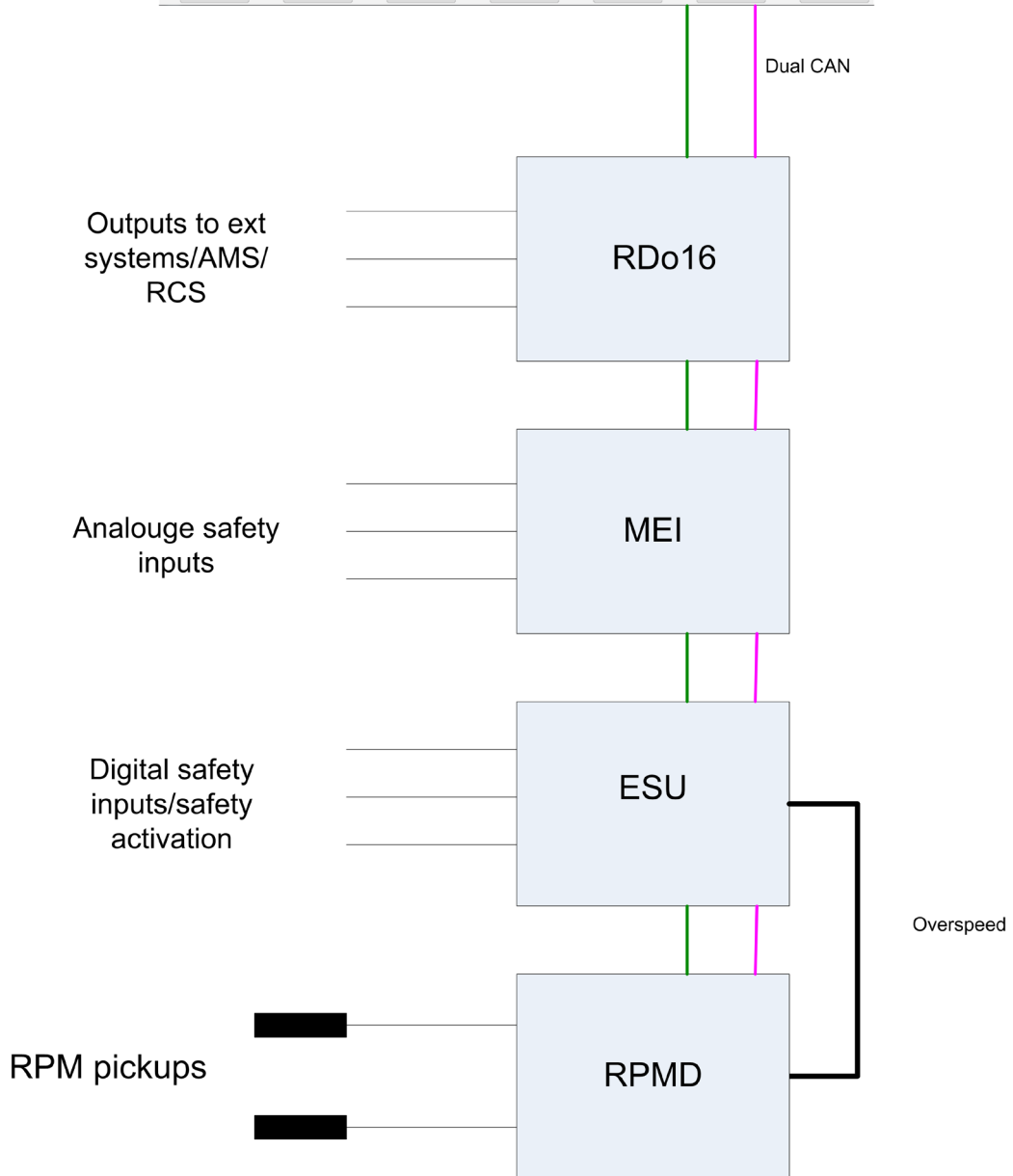
Type approval

- DNV, LRS, BV, GL, RINA, NK, ABS, KR, PRS, MRS (Russia), CCS (China)

Technical Specifications



ACP600



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