RELIABLE SOLUTIONS FOR INDUSTRIAL STEAM AND HYDRO TURBINES

GLOBAL SUPPORT

Woodward's global support network and our turbomachinery OEM partners provide an extensive range of technical and after-sales support services. This global presence allows us to respond quickly to the needs of our customers worldwide. With its strong track record of success, Woodward has earned a reputation for superior service and support across the entire turbomachinery product line.

For general information on Woodward products or to download manuals and other documentation, visit: www.woodward.com/turbine

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OPERATOR CONTROL PANEL INCLUDED

When manuals are ripped into the 505 controller as an automatic operation, the operator’s user-friendly front panel allows pilot operations to work and also to work as a watch function. This controller is a logical control function. The operator’s logical control function, by logic display, enables operators to view and interpret values from the time series screen, simplifying the operator’s control operation. Functioning by a wire frame into the time frame and display navigation, the 505 controller’s front panel allows users to monitor and control all of system operations, very dynamic response via real time trending screens, and understanding the system’s performance through a real-time polled system performance indication (or an abnormal system trend).

The 505-XT controller can also provide the user with access to system trends and data points, enabling the user to view and control all of the system trends and data points, enabling the user to view and control all of the system trends and data points. The 505-XT controller’s on-board service mode automatically calculates all PID-to-plant communications for bumpless transfers and PID-to-user communications for bumpless transfers. The 505-XT controller’s on-board service mode automatically calculates all PID-to-plant communications for bumpless transfers and PID-to-user communications for bumpless transfers.

FEATURE OVERVIEW

- **Package configuration**
- **Integrated graphical operator control panel**
- **Advanced data logging**
- **Integrated fault log indicators**
- **User-friendly menu format**
- **Fault and Alarm monitoring**
- **Adaptive PID controls**
- **Motor selection**
- **Over/under speed termination via ESR**
- **Online operator service**
- **Same fit function as previous 505 versions**
- **Performance enhanced with conformal coating**
- **CT certified for various locations**

CONNECTIVITY YOUR WAY

- **Configuration and diagnostic displays**
- **Ethernet ports utilizing MODBUS TCP/IP or OPC communication protocols**
- **HMI control based ports**
- **Remote幾個 exceptions to allow users**
- **New operator communication**
- **Auto start sequence (hot and cold starts)**
- **Zero speed detection (with use of proximity probe)**
- **Sulfur-resistant conformal coating**
- **Peak speed indication for overspeed trip**
- **Automatic start routines**
- **Ethernet communications**
- **Integrated graphical operator control panel**
- **Remote analog setpoints for speed/load, aux, and cascade**
- **Manual operation valve limiters**
- **Trip and Alarm event recorder**
- **Simple to adjust (uses new OptiTune Technology)**

FIRST LINE OF DEFENSE

The first line of defense for any turbine rotor experiencing a partial or total load loss is a fast responding control system and governor valve actuator, and not the compressor itself. The compressor itself and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough, a fast responding control system and governor valve actuator can together respond fast enough.