cJoy OT MK3
Compact joystick system

KONGSBERG

The cJoy Operator Terminal MK3 serves as the main operator interface for the cJoy Compact Joystick system. The terminal is a user-friendly tool for joystick, station keeping and autopilot operation.

FEATURES

- 3-axis joystick to control surge, sway and yaw thruster demand
- Heading wheel for heading demand input
- 6.5" high-resolution colour display
- Display page manoeuvring buttons
- Operational mode buttons with indicator lights and double-push action
- Terminal can be used on different locations on vessel
- Functions for command request/transfer between operator locations
- Automatic detection of panel location and orientation from junction box
- Quick access buttons for system functions
- Alarm indicator/buzzer with silence button
- Power indicator with power failure alarm
- Dedicated alarm page
- Joystick calibration function
- Panel test function

FUNCTIONS

The cJoy Operator Terminal provides the operator with all necessary facilities to control a vessel in joystick and autopilot mode as well as for station-keeping.

The terminal is easily mounted and can be used at different locations on the vessel. The terminal has connections for power supply and network on the rear side.

The terminal communicates with the cJoy Controller and other cJoy Operator Terminals via LAN. Up to six cJoy Wing Terminals can be connected to one cJoy Operator Terminal. The connection between the terminal and the controller is established via a junction box.

The junction box connector is coded to enable the terminal to automatically adjust display views and joystick axes according to the orientation of the operator position.

The operator panel is ergonomically designed so that the operator can easily make the necessary adjustments and give control commands. The computer and all electronics are housed in a selfcontained desk/console mountable unit.

The terminal can also be used as an additional joystick terminal for the cPos range of DP systems.

MODELS

cJoy Operator Terminal MK3 - Art. no.: 397473

TECHNICAL SPECIFICATIONS

Dimensions

Width: 582 mm
Depth: 180 mm
Height: 208 mm (with joystick)
Weight: 6 kg

Enclosure material

Aluminium

Power specifications

Input voltage: 24 DC (+30%/-25%)
Power consumption: Typical: 20W

Connections

- Main connector for power, CAN bus and hex switch interface
- Two LAN connectors

The cJoy Operator Terminal can be interfaced to up to six cJoy Wing Terminals via CAN bus interface

Environmental

Ambient temperature: Operational: -15°C to + 55°C
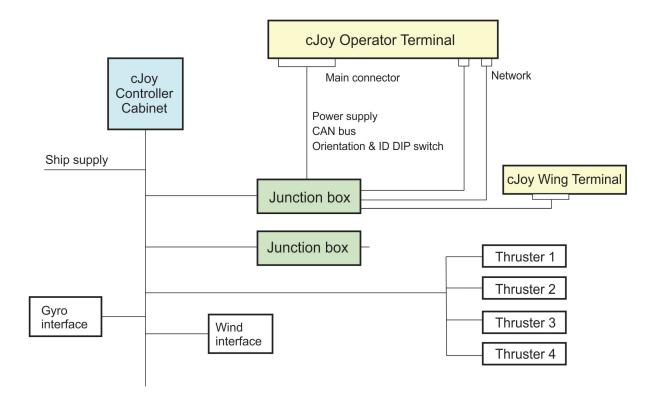Ambient humidity: Operational: up to 95% RG (non-condensing)
IP rating: IP22
Enclosure protection: Shielded cabinet

Standards

The equipment is designed to conform to the following standards:

- 2004/108/EC Electromagnetic Compatibility Directive
- 96/98/EC, 98/85/EC Marine Equipment Directive
- 2006/95/EC, Low Voltage Directive

Specifications subject to change without any further notice.

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