

WCC 600

Watch Call Panels



KONGSBERG



Description

The Kongsberg Maritime Watch Calling C600 (WCC 600), is a system required to run an unmanned engine room. The Watch Call unit can be mounted on:

- bridge where the main function will be to indicate engine room alarms, and to indicate / accept the transfer of machine watch responsibility to and from the bridge.
- engineer on duty's cabin and in the public quarters where the main function will be to indicate engine room alarms while in bridge control.

An alarm situation will be presented on the Watch Call unit with a buzzer sound and a visual indication. The unit will automatically switch to Alarm Summary page and present alarm information to the user. Configuration of alarms in the system can be grouped according to the customer's specification.

The WCC 600 unit is equipped with a 5.7" LCD touch display for presentation and navigation. User-friendly and intuitive design makes the Watch Call unit easy to operate for all vessel personnel.

The WCC 600 unit communicates with the main computer in the K-Chief alarm system using a high-speed communication network (CAN). A redundant solution with automatic change-over to another main computer in case of failure can be provided.

Functions

- Indicating and accepting the transfer of machine watch responsibility to/from the bridge.
- Call the on-duty engineer at his quarters at any time.
- Self-check function with "system failure" indication.
- Buzzer, sound off and test function.
- Alarm Summary.
- Date & Time indication.
- Fire alarm (optional).

Features

- One combined bridge alarm and watch calling panel.
- 5.7" LCD touch panel.
- Alarm group indicators.
- Repeat alarm indicator.
- 13 alarm groups.
- 1 common machinery alarm lamp. 1 repeat common machinery alarm
- System failure indication.
- Buzzer and sound off button.
- "Acknowledged from cabin" indication.
- Attended/unattended engine room indication and selection.
- Facilitates 8 engineers on-duty.

Supply voltage

- 18 - 32 VDC

Power consumption

- 5 W

Operating temperature

- -15°C to +70°C

Storage temperature

- -25°C to +70°C

Max. rel. humidity

- 96% no-condensation.

IP Code

- IP 44

ENV properties

- IACS E10
- IEC 60945

Vibration

- 4 G in wall mount
- 0.7 G on wall mount

Weight of unit

- 1.3 kg

Mounting

- Screws (4 pcs)
- Cut out, in wall
- Fixing holes, on wall
- Ref outline drawing 374548

Connections, screw terminals

- I/O external buzzer terminals 0.5-4 mm²
- Power 4 terminals 0.5-4 mm²
- CAN bus 4 terminals 0.5-4 mm²
- Fire alarm 0.5-4 mm²
 - 18-32 VDC 0.7W
 - 79 ±3 dBA

Signal types

- Digital Output external buzzer.
- 18-32V 1A Dry Contact.

Communication interfaces

- 1 CAN port for communication with host.

Isolation

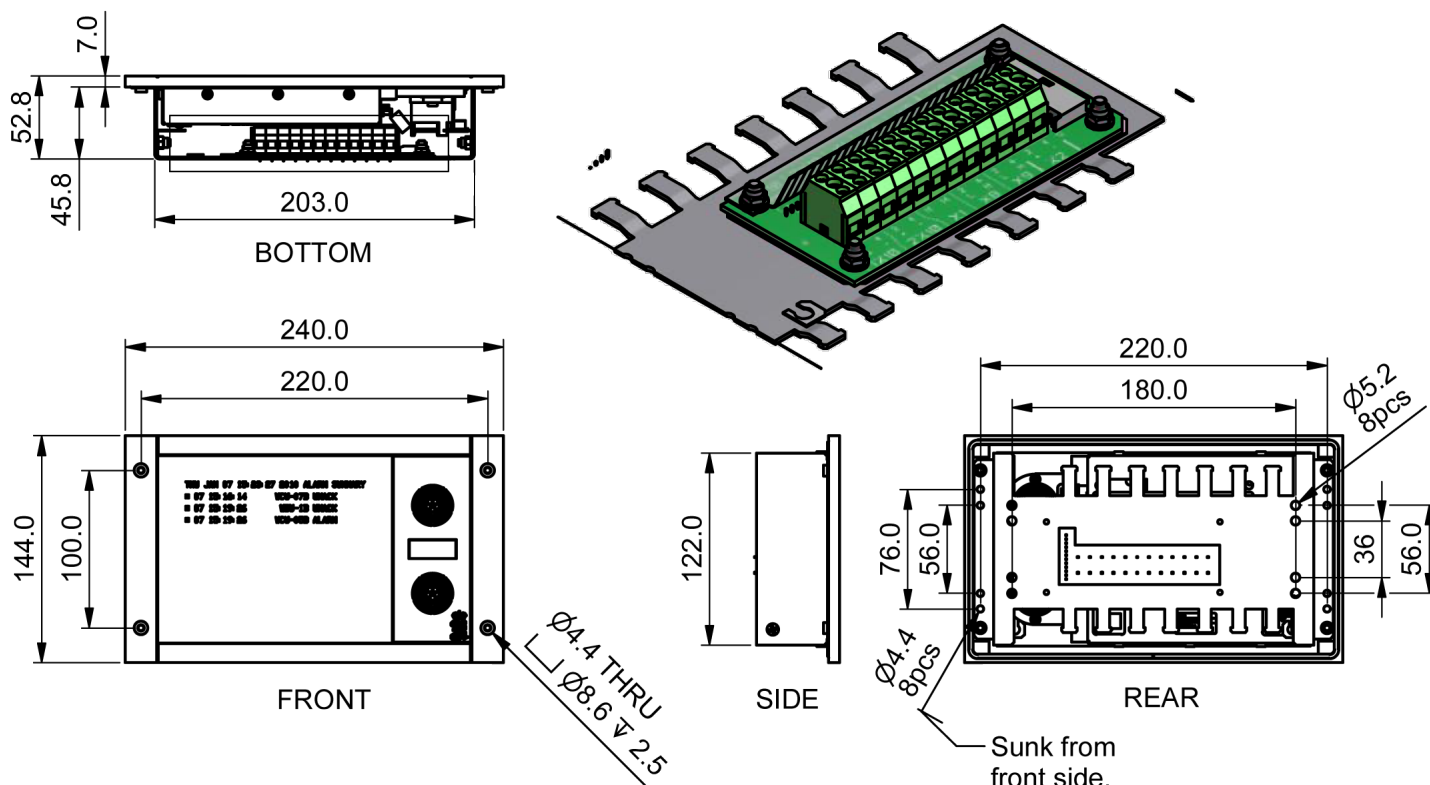
- Power: Isolated/floating from module chassis.
- CAN: isolated.

Type Approval

- pending.

Part number

- 373860



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