

**Wheelhouse panel  
Watertight Sliding Doors**

**Wheelhouse panel**

Consists of a 3mm aluminium mounting plate, for installation on the bridge, with black engraved letters/lines showing the location of the doors. This plate is connected with 1,5m cable to the mounting plate (relay/PLC) on which the control components are placed.

Panel is executed with:

- a "master mode" switch to activate central close command
- Indication lights open/closed
- The alarm indications for power and/or pressure loss
- Buzzer, accept alarm, dimmer
- Led test button

Panel has two separate power supplies inputs (24 VDC normal supply and emergency supply). An automatic switchover is provided. Panel is executed with potential free contacts for interfacing to VDR (for open-close and alarm signals).

**General arrangement has to be provided with order in \*dwg. format.**



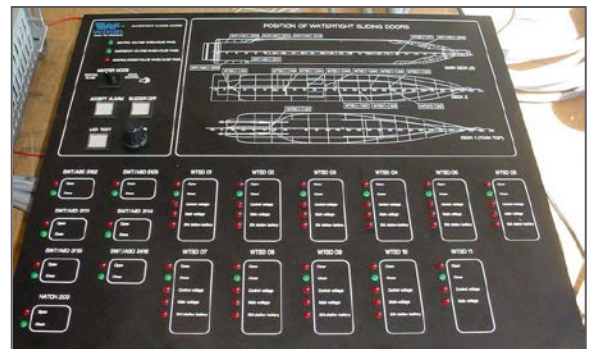
**Options**

**Colour scheme**

- Black mounting plate with white engraved letters/lines
- Black mounting plate with yellow tagedfa letters/lines
- Specific RAL colour scheme

**Power supply**

- Standard power supply to panel as stated above is 24VDC, main and backup supply. Optional the panel(s) can be executed with a transformer 220VAC, 1ph, 50Hz or 120VAC, 1ph, 60Hz



**ECR panel**

- Secondary panel, identically executed as wheelhouse panel, but without a master mode switch since according SOLAS doors may only be central closed from Navigation Bridge.

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**RS422 interface for VDR**

- Wheelhouse panel is standard executed with potential free contacts for interfacing to VDR. With this option the required information will be made available in serial RS422 string according NMEA protocol.

**Potential free contacts for interface to SMS**

- With this option the potential free contacts for VDR will be duplicated and made available for interfacing to Ship Monitoring System.

**RS422 interface for SMS**

- With this option the information which is being send to VDR will also be made available in serial RS422 string according NMEA protocol for Ship Monitoring System.

**Integration fire door system**

- With this option the wheelhouse panel will be executed with additional inputs which represent a MZF (amount to be determined by yard). When an input is being energised, a door of a specified group of doors will be set in central close mode and close automatically.

**Additional extra indications**

- With this option, additional open/close indications (e.g. watertight hinged doors or valves) will be indicated on wheelhouse panel. Amount of indications to be determined by yard.

**Wheelhouse panel and/or ECR panel mounted in Ritall box**

- With this option the wheelhouse panel or ECR panel will be mounted together with controls in a Ritall box with wall brackets.

