

PROVEN DURABILITY  
AND RELIABILITY FOR  
MARINE ENVIRONMENTS



ALARM &  
MONITORING



# ALARM & MONITORING

- LED Display of Alarms grouped in 8-point lenses or Touch Screen Displays (minimum of 8 points, no maximum).
- Power Supply with UPS and Battery Backup.
- ABS Approved PLC Components available worldwide, off-the-shelf utilizing Siemens and WAGO PLC technology.
- Remote Panels consisting of LED Display of Alarms or Touch Screen Display.
- Standard or Custom Designed Touch Screen Display Graphics.
- EMI can monitor main engines, thrusters, generators and switchboards & distribution, fuel/water/waste tank levels, bilges, water tight doors.
- Ability to interface to any engine package via modbus, canbus, Ethernet, profibus, as well as other interface protocols.
- Extensive experience in providing systems that can meet ABS, Lloyds, DNV, Solas and US Coast Guard.

## DISCRETE ALARMS FOR 16 TO 64 POINTS WITH REMOTE PANELS & ACCESSORIES



TYPICAL LENS

- 16 thru 64-point systems available for quick delivery, some styles and sizes in stock.
- Main & Remote Panels, J-Boxes, Sirens, Beacons and Sensors, for a complete system.
- Field-configurable alarm parameters, using the free PC-based software.
- Complete installation & operating instructions included with every system.
- Professional laser-etched lenses included with every system (fax-back form provided).
- Meets USCG machinery alarm regulations (depending on vessel size and type).

### THE EMI ALARM SYSTEM OPTIONS:

- Led Or Touch Screen Displays
- Digital Or Analog Inputs/outputs
- Dimmable Indication In Pilot House
- Customized Lenses And Touch Screen
- Graphics Audible And Visual Indication
- Engine Room



## HMI DIGITAL SERIES



- Main & Remote Panels, J-boxes, Sirens, Beacon Lights and Sensors, for a complete system.
- Field-configurable alarm parameter, using our free PC-based software, included with system.
- Complete installation & operating instructions included with every system.
- Professional laser-etched lenses included with every system (fax-back form provided).
- Meets regulatory requirements for machinery alarms (depending on vessel size and type).

## TOUCH PANEL HMI SCREENS



- 6", 10" and 15" display sizes.
- 4, 7 or 10 button keypad available for on-screen menus.
- Resistive analog touchscreen configuration and firmware are stored in non-volatile FLASH Memory.
- Up to 6 RS-232/422/485 serial ports available depending on model.
- 10-Base-T/100-Base-TX ethernet port.
- Remote web access and control Facility.
- USB Port for configuration download.
- Compact Flash Socket, 2GB flash Memory Card included.
- NEMA 4X / IP66 front panel
- Power from 24VDC supply.

## BARGE LIST INDICATOR SYSTEM BLS100



- High-visibility lighted beacons provide a vessel list angle quick reference.
- White/Amber/Red lights help emphasize the current list angle significance.
- Suitable for outdoor locations with sealed lights and wiring access.



- Instruction manual provided for easy user installation and setup.
- Three configurable infrared motion detectors included with standard system.
- Operator's Panel design allows convenient surface mounting on operator's console.
- Output connections are included to activate the vessel's general alarm system, if desired.
- Simplicity of operation means easy trouble-shooting and low maintenance costs.
- Optional sensors will activate the system from engine throttles or other devices.

SINGLE-POINT REMOTE ALARM INDICATOR PANEL PART NO. 9999-46100



- Provides audible & visual indication of an alarm condition.
- Useful as a remote indication panel for a single alarm or as a remote summary panel for a vessel alarm system.
- Console-mounting or enclosed models available in either 12 or 24 VDC – consult factory for other styles & options.
- Works with EMI Standard Alarm Systems, but simple design is well suited to a variety of other applications.

HIGH INTENSITY FLASHING BEACON PART NO. 9999-49490



- Provides a bright, flashing and visual indication of an alarm condition in noisy machinery spaces
- Works with EMI Standard Alarm Systems, but simple design is well suited to a variety of other applications
- Replaceable high intensity bulb is available with amber, blue or red protective lenses

120 DB SIREN ASSEMBLY PART NO. 46810

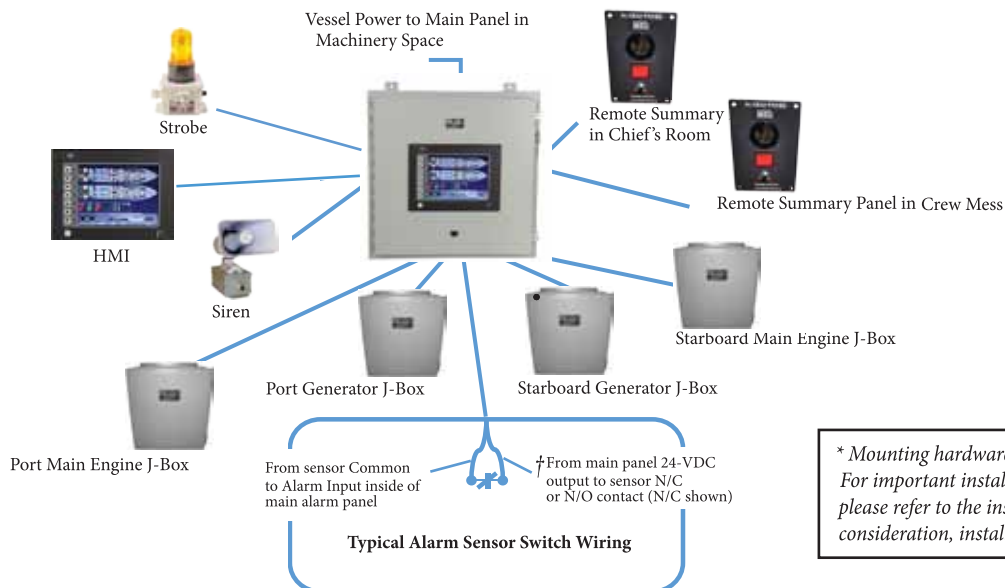


- Provides 120 decibel audible alert for loud spaces, such as vessel engine rooms
- Works with EMI Standard Alarm Systems, but simple design is well suited to a variety of other applications
- "Steady" or "Warble" tones are field selectable.

40 POINT REMOTE ALARM PANEL PART NO. 9999-47930



- The Remote Alarm Panel accepts alarm state inputs from the Main Alarm Panel and displays identical alarms. These inputs feed directly to Alarm Annunciator PC Boards located within the remote panel.
- The remote panel also includes a local audible. A lamp test pushbutton is provided to test all the indicators on the remote panel. A dimmer control is provided to decrease the brightness of the indicators. The audible alarm may be silenced at the remote panel, but will not affect the audible alarm at the master panel.



*\* Mounting hardware and interconnecting cables are not included. For important installation recommendations and safety precautions, please refer to the installation guide. For best results and warranty consideration, installation and setup*

† N/C sensor contacts are often preferred for wire-break protection



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