CARLA System

Honeywell





Cargo Tank High and Overflow Protection

The CARLA System is a fully autonomous solution, which meets the standards for protection against accidental cargo tank overflow. Its primary advantage is use of the Honeywell Lidec L91 (single-probe) or L92 (dual-probe) as two independent level alarms.

The CARLA System offers outstanding reliability over the life of its control cabinet and components.

CARLA System - Technical Specifications

Technical Data

Number of channels: up to 32.

Sensor input: - L91 (95% or 98% level alarms).

- L92 (95% & 98% level alarms).

Signal input: 18-6 mA (Fail-safe).

Power supply: 115/230 V / 50-60Hz.

Operating temperatures: -25°C + 70°C

Protection: IP52

Outputs:

- 1 x SPDT switch / channel (AC/DC 350V 120mA).
- 1 x RS 485 Modbus protocol.
- Relays: Up to 2 for on deck sirens.

Up to 2 for on deck rotating lights. Up to 2 for power supplies failure.

Special Features

In compliance with IMO regulations resolution

A 830 and US Coastguard Rules 46 CFR 39-7.

Delivered with engraved plates for deck indication in compliance with SOLAS standards.

Pre-wired cabinet or panel mounting.

Two independent power supplies for 95% & 98%.

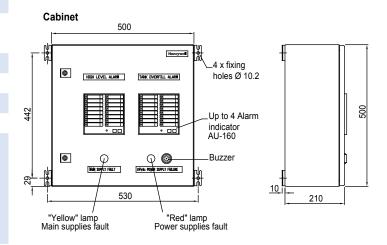
Individual overrides function for each channel.

Cabinet or panel mounting repeater for Bridge Alarms indication (optional).

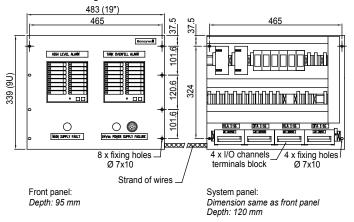
Technical Documentation

Technical manual: MT5003

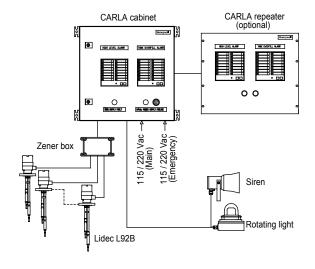
Dimensions & Fixation



Panel mounting



System Diagram



Honeywell Marine SAS

9, rue Isaac Newton ZA Port Sec Nord, Esprit 1

18000 Bourges - France Phone: + 33 (0) 248 237 901

Fax: + 33 (0) 248 237 903

E-Mail: contact.marine@honeywell.com

www.honeywellmarine.com

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