



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.

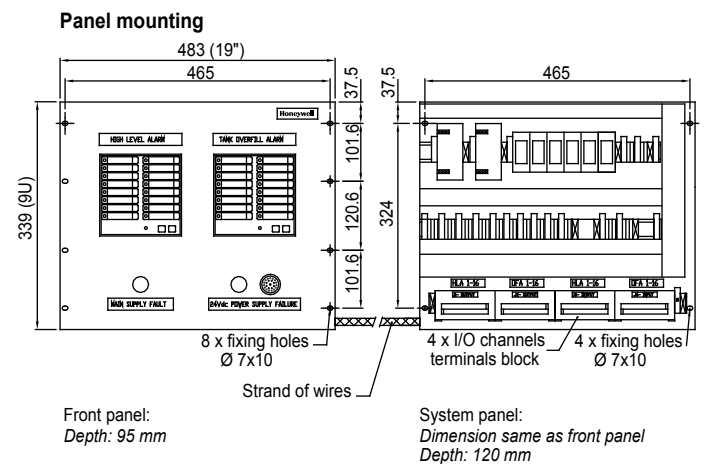
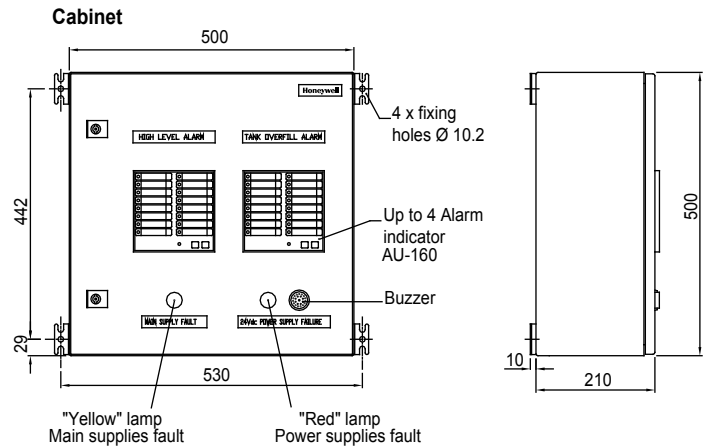
Special Features

- 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).

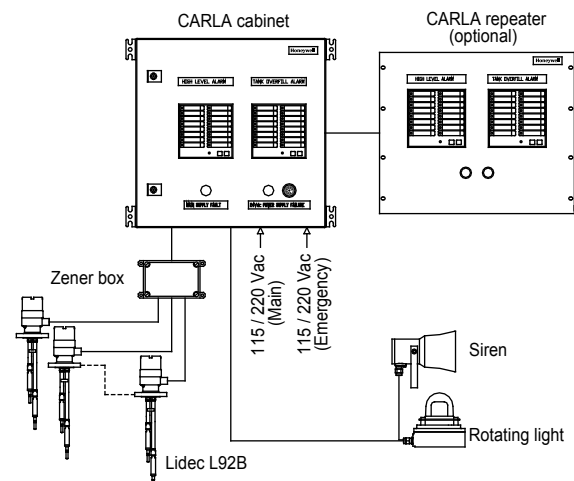
Technical Documentation

Technical manual: MT5003

Dimensions & Fixation



System Diagram



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