

Fire Detection & Alarm System

Conventional / FIRESTOP

SB-042-REV-A

The FireStop Fire Control Panel (FCP) is a low voltage fire detection and control system designed for use in the marine and other transport markets.

The FCP integrates fire extinguisher alarm and fire detection in a modular design that can be expanded to meet the requirements of a wide range of applications.

12/24 Vdc

Designed specifically as a marine integrated fire system to work with the vessel's DC batteries. Standby re-chargeable 24V battery back up available as an option.

Modular expansion

Designed as a modular system, that can be expanded from 2 up to 16 zones.

Early warning fire detection

Marine approved Heat and Smoke Detectors and Manual Call Points.

Integration with fire suppression system

Fully integrates with Sea-Fire's Pre-engineered and Engineered fire suppression system to provide low pressure and discharge alarms (approved for non-USCG applications only).

Machinery shutdown management

Integrated relays connect to shutdown Engines, Generators, Ventilation and associated machinery in the event of fire extinguisher discharge (approved for non-USCG applications only).

Intuitive user interface

Multiple Display Panels which can be located in key locations throughout the vessel. Stylish interface compliments modern yacht design.

Product features

- Conventional fire detection system that provides quick and clear identification of fire alarms and events
- Weather resistant monitoring system with fire, heat, and smoke monitoring capability
- Modular design that is easy to scale for any application
- Ease of installation with CAT5 connection between primary components
- The ultimate economic solution for vessel fire detection

131-501 FireStop Fire Control Panel



Electrical requirements

- Main Power Supply: 24 Vdc (± 4)
- Backup Power Supply: 24 Vdc (± 4)
- Power Supply Protection: 5 Amp
- Power Consumption: 0.5 Amp
- Connection:
 - Cable Entries: 4mm x 20mm cable glands
 - Max Wire Size: 12 AWG

Mechanical specifications

- Dimensions (WxHxD): 255mm x 180mm x 61mm
- Dimensions (WxHxD): 10in x 7in x 2.4in
- Weight: 1 kg
- Enclosure Materials: Polycarbonate Plastic

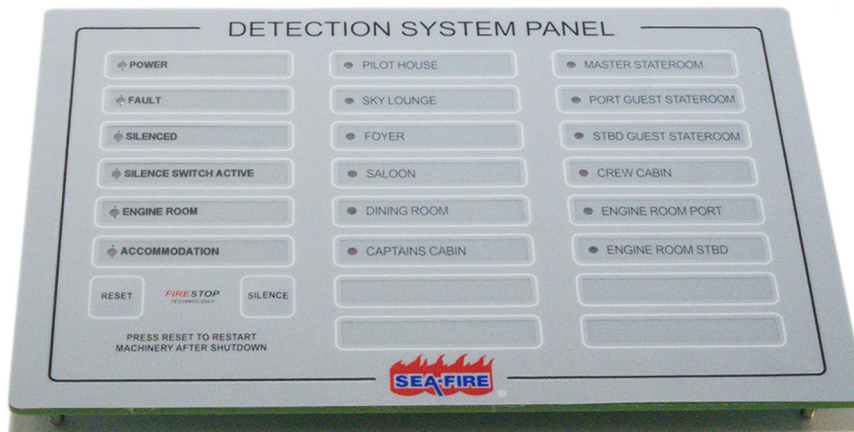
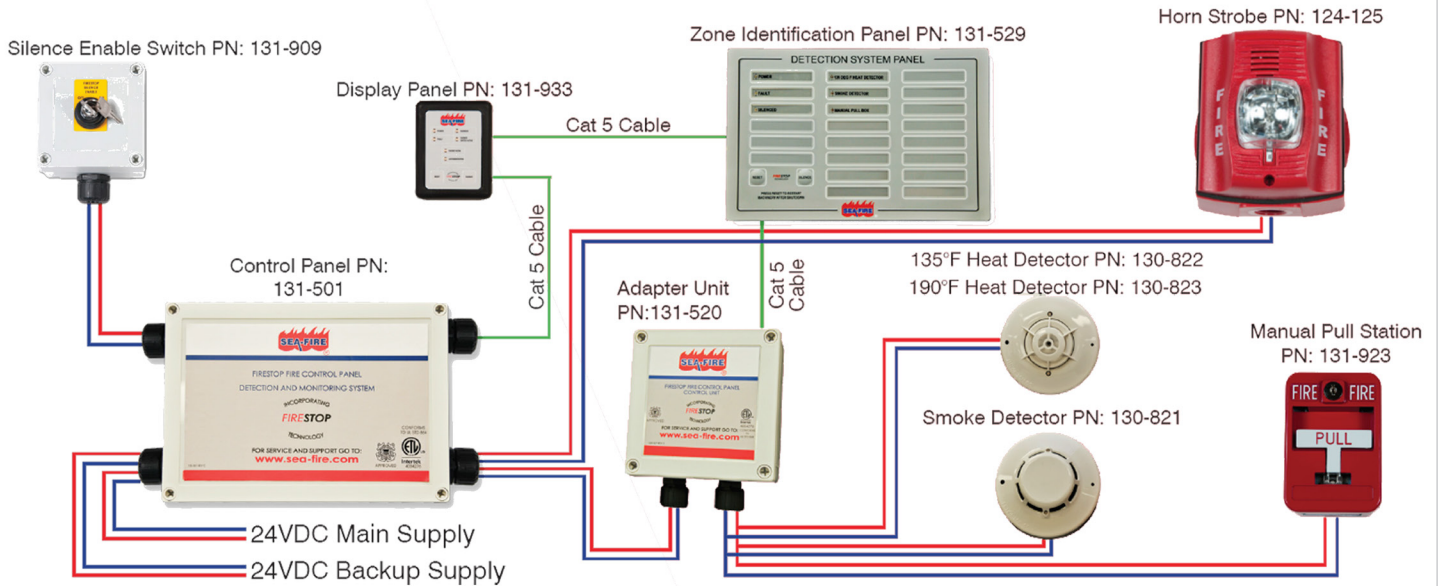
System capacity

- Control Panel alone offers 2 zone coverage (Accommodation and Engine Room)
- Zone Capacity: 2 detectors and multiple manual call points per zone
- Expandable to 4 zones per Adapter Unit and up to 16 zones per ZIP panel
- Compatible with numerous marine detectors and accessories

Fire Detection & Alarm System

Conventional / FIRESTOP

Connection principle



Inputs/Outputs

- CAT5 port for receiving and sending signals to the Display Panel and Zone Identification Panel
- Display Panel and ZIP Push Button (Reset and Silencing of the Alarm)
- NAC Alarm Output: 2 Amp max
- Adapter Unit Reset Relay: Qty. 1 rated @ 16 Amps

Additional specifications

- Protection Level: Ingress Protection 66 (IP66)
- Operating Requirements: -13°F to 158°F (-25°C to 70°C)
- Mounting: Surface Mount

Approvals



www.sea-fire.co.uk

Additional product data sheets and information available on request

Sea-Fire Europe Ltd

Unit D2 Discovery, Voyager Park, Portfield Road, Portsmouth PO3 5FN, UK

+44 (0) 2392 679666 • customersupport@sea-fire.co.uk