BS-EN54-4
KM 73505

SYNCRO ASM

Marine & Offshore Analogue Addressable Control Panel 1-2 loop

Features

- Expandable from 1 to 2 loops
- Network up to 64 panels
- 2 programmable sounder circuits
- 5 programmable inputs
- 3 programmable relays
- 3A power supply
- Powerful cause and effects
- Sensitivity adjustment and Drift Compensation
- Compatible with View Marine repeaters
- Supports Apollo and Hochiki protocols
- Stores 500 last events in event log
- Installer friendly, removable equipment chassis
- Different language and character set variants available
- Approved and certified to EN54-2/ EN54-4



Description

Based on the popular Syncro AS single and two loop analogue addressable fire control panel, the Syncro ASM is certified with a host of classification societies and is Marine Equipment Directive approved.

Suitable for all small to medium sized vessels, it is compatible with marine approved devices manufactured by Apollo Fire Detectors and Hochiki. Syncro ASM provides a cost effective and scalable solution for all marine fire alarm systems.

Up to 64 Syncro ASM control panels may be networked to provide integrated control and indication of over 16000 fire alarm points.

The optional Voyage Data Recorder interface outputs standard NMEA 0183 protocol and can be fitted inside any control panel on the network.

With its large graphical display and ergonomic button and indicator layout, the Syncro ASM control panel is simple to understand for installers, commissioning engineers and end users alike.

Specification

Construction	1.2mm mild sheet steel
IP Rating	IP30
Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - fine texture
Colours - control plates & labels	RAL 7047 light grey - satin
Weight	6kg (standard panel)
Display	8 lines of 40 characters graphic LCD
Mains supply fuse	1.6A 250V
Power supply DC rating	24V 3 Amps

Specification

Aux 25V supply	Fused at 500 milliamps
Maximum battery size	7Ah 12V (2 per panel) (non-networked)
Fault contact rating	30V DC 1 Amp
Fire contact rating	30V DC 1 Amp
Alarm contact rating	30V DC 1 Amp
Sounder output rating	Fused at 1 Amp each
Detection loop	400 milliamp output
Detector protocols	Apollo Discovery or Hochiki ESP
Printer port	Serial RS232
Serial expansion port	Serial RS485 (Compatible with all Syncro I/O modules)
PC port	Serial RS232
Network connection	RS485 - Up to 64 panels via fully fault tolerant optional network card
Remote Silence input (SIL)	Switched -ve
Remote fault input (FLT)	Switched -ve
Remote reset input (RES)	Switched -ve
Remote alert input (INT)	Switched -ve
Remote evacuate input (CNT)	Switched -ve
Download lead	Standard S187, X187LS economy
Configuration	Via Loop Explorer PC utility

Panels Lite

Product Code	Protocol	Zones	Loops	Printer	Size (mm)
MA80161M2	Apollo	16	1	No	385 x 310 x 90
MA80162M2	Apollo	16	2	No	385 x 310 x 90
MH80161M2	Hochiki	16	1	No	385 x 310 x 90
MH80162M2	Hochiki	16	2	No	385 x 310 x 90

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description.