

## **Esento Marine**

2/4 zone conventional fire control panel







- Available as 2 or 4 zones
- Approved to EN54-2 & 4
- 2 monitored sounder circuits
- Space for up to 3.2Ah batteries
- One man walk test
- False alarm management mode



## **M** Esento Marine

## 2/4 zone conventional fire control panel



#### **CONTROL PANEL SPECIFICATION**

**Detection zones** 2 zone or 4 zones (conventional)

**End of Line device** 4k7 Ohm 5% 0.25w resistor

IP rating IP30

**Operating temperature (°c)** -5°c to +40°c

Operating humidity <95%

**Standby current** 75mA (2 zone) 85mA (4 zone)

**Alarm circuits** 2 fully monitored, each fused @500mA

**Alarm load** 800ma shared between all sounder outputs.

Common fire relay Volt free no/c/nc contact rated 3 amp @30 Vdc

Common fault relay Volt free no/c/nc contact rated 3 amp @30 Vdc

**External inputs** Class change and Alert pulse sounders

Non latching switched –ve inputs. Max input voltage 28Vdc

**Outputs** Fire and fault common outputs

Switched -ve voltage outputs for external relay control,

max load 40mA

Mains supply & fuse 230vac +10 / -15% 50Hz protected by 2 Amp fuse

**Battery charging voltage** 27.3Vdc @20°C

**Auxiliary supply to field accessories** 28Vdc fused @ 500mA

Max. battery size & space 2 x 3.2Ahr 12volt SLA

**Terminal capacity** 0.5mm<sup>2</sup> to 2.5mm<sup>2</sup>

**Cable entry** 13 x 20mm top entry knockouts

7 x 20mm rear entry knockouts

**Enclosure material and colour** Mild Steel, Epoxy powder coated silver grey

Colour ref: Radon MW334E Interpon powder coat

**Panel dimensions (W x H x D)**BACK BOX: 300 x 250 x 80mm

LID: 308 x 260 x 23mm (return)

**Approvals** LPCB approved to EN54-2: 1997 + A1: 2006 & EN 54-4:

1997 + A1: 2002 + A2: 2006 by LPCB

# **PRODUCTS**

# **Esento Marine**

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### **CONTROL PANEL SPECIFICATION continued:**

Front of panel indications Zones in Fire

Zones in Fault, Disabled or In Test Mode

Supply Healthy General Fire General Fault

General Disablement

Test Mode Sounder Status Aux Output Status Power Supply Fault System Fault Access Level

**External Controls at access Level 2:** 

Colour coded buttons for controls and programming

Button functions: Resound alarms (Access by key switch or code entry)

Silence alarms

Reset

Disable Mode Test Mode Mute Buzzer Test Lamps Enter

**External Controls at access Level 3:** 

(Access by key switch or code entry)

Select sounder resound options for zones

View / edit dependency functions

Initialise factory settings

Set buzzer volume

