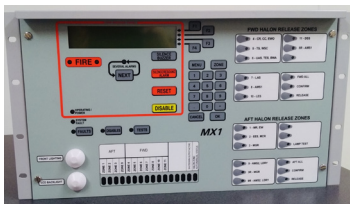Protecting the
Defence Industry

MX1 Fire Detection and Suppression Control

➤ System designed to replace legacy fire systems on the Collins Class submarines

➤ Control fire suppression automatically and manually

➤ Interface alarms and systems status to monitoring systems

➤ Shock, vibration, EMC and IP test for use on submarines

➤ Manual suppression controls and indications at your fingertips using Duplicate Switching System (DSS)

➤ Backlit 4 lines x 40 character LCD display

➤ Softkey keypad and selectors

➤ Clear zone and detector point description

➤ Easy scrolling through event list

MX1 Fire Panel

➤ Networkable and addressable fire detection system

➤ 8 addressable loop capacity with 250 devices on each loop

➤ Flexibility and control capability of a commercial installation

➤ Dimensions, appearances and functionality adaptable to marine application/ small footprint

Suppression Release Box

➤ Manual suppression release control and alarm LED indication under protective flap

➤ Main/Reserve suppression cylinder selector

➤ Power/polling status LED

➤ Fault LED

➤ Alarm status LED

➤ Charge release LED

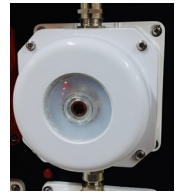**WORMALD®**
TECHNOLOGY

Manual Call Point

➤ Cast aluminium enclosure
➤ Fire alarm button and alarm LED indicator under protective flap
➤ Addressable MX input devide
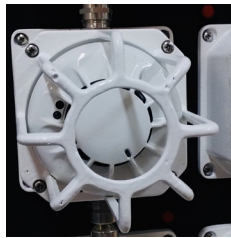➤ Plug connection to top assembly for easy servicing

Flame Detector Unit

➤ Cast aluminium enclosure with protective moulding
➤ Addressable MX flame detector
➤ Loop fault isolator
➤ Alarm/ loop poll LED indicator
➤ Plug connection on top assembly for easy servicing

Smoke Detector Unit

➤ Cast aluminium enclosure and optional protective cage
➤ Addressable MX smoke/ heat detector utilising MX detection algorithms
➤ Loop fault isolator
➤ Alarm/loop poll LED indicator
➤ Plug connection on top assembly for easy servicing

Warning Light Unit

➤ Cast aluminium enclosure
➤ Stobe light 24vdc
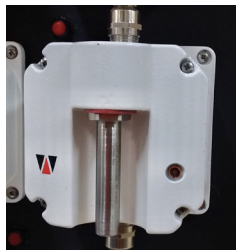➤ Plug connection on top assebly for easy servicing

Heat Detector Unit 72 deg

➤ Cast aluminium enclosure with protective moulding
➤ Heat detector probe rated for hazardous areas
➤ Addressable MX input device
➤ Alarm LED indicator
➤ Plug connection on top assembly for easy servicing

Wormald Technology has considerable Australian experience in the design and supply of fire protection systems and toxic gas detection systems for naval vessels that include:

- 64 USN FFG Guided Missile Frigates - Initial Build
- 2 RAN Hydrographic Survey Vessels
- 15 RAN Fremantle Class Patrol Boats - Initial Build & LOTE Refit
- 6 RAN Collins Class Submarines
- 6 Huon Class Coastal Minehunters
- 6 RAN FFG Guided Missile Frigates - Initial Build & LOTE Refit
- 2 RAN Inshore Minehunters
- 8 RAN Landing Craft Heavy
- RAN Fleet Supply Vessel - HMAS Success
- RAN Amphibious Vessel - HMAS Tobruk
- RAN Fleet Replenishment Vessel – HMAS Sirius
- 2 Royal Thai Navy Coastal Minehunters
- 10 ANZAC Frigates – Initial Build
- 3 Hobart Class Air Warfare Destroyers
- 4 RAN Survey Motor Launches
- Pacific Nation Naval Vessels

Heat Detector Unit 110 deg

➤ Cast aluminium enclosure with protective moulding
➤ Heat detector probe rated for hazardous areas
➤ Conventional interface module
➤ Alarm LED indicator
➤ Plug connection on top assembly for easy servicing

Contact us today:

133 166 | sales@wormald.com.au | www.wormald.com.au

WORMALD®
TECHNOLOGY