

ZYTEQ Fire, based in Cape Town, South Africa, designs and manufactures fire detection products for the local and international markets.

We partner with some of the worlds leading brands to offer our customers full fire detection solutions for all applications.

Our ZYTEQ manufacturing facility in Cape Town is certified to ISO9001 (2015) and our products are approved to the European EN54 standards.

ZYTEQ is committed to supplying our customers with products that are easy to use and competitively priced whilst offering the highest standards of quality and reliability.

Our team of manufacturing and engineering staff are highly skilled and experienced in the international fire detection industry.

Contact us today to see how we can assist with your application.



**ZYTEQ**fire  
MERIMNA SENSE® THE NEW WAY OF SENSING FIRE

## EXTINGUISHING SYSTEMS

**ZYTEQ Fire** brings you the very latest in Conventional Extinguishing System technology. The Fighter XT and MPR panels offer a range of features, connectivity and reliability at a competitive price.

- Advanced extinguishing panel using Bus technology
- Robust Metal enclosure with LCD Display and high quality power supply
- Built in “Manual Extinguishant Release” button on panel door
- 1 Extinguishing area with 8 zones and 8 Relay Outputs
- 1,000 line event log accessible from panel and remotely
- Pre-programmed and customisable Extinguishing sequence
- LCD keypad unit for remote supervision, monitoring, operation and programming of the system
- Built-in DTMF communicator supports Ademco C.I.D. format
- Remote supervision, monitoring, operation and programming of the system with the SmartView software (optional)
- Certified to European directives EN 54-2:1997/ A1:2006/ AC:1999, EN 54-4:1997/ A2:2006/AC:1999 & EN12094-1:2003 (Extinguishing)

## EXTINGUISHING SYSTEMS



### FIGHTER XT PANEL

8 zones and 8 relays conventional fire alarm & extinguishing panel  
1 Extinguishing area with 8 zones. Up to a maximum of 8 keypads units per system. Built in communicator supporting Contact I.D protocol. Power supply 27.6 VDC, 2A. CE certified.



### FIGHTER MPR PANEL

8 zones and 8 relays conventional fire alarm & extinguishing panel. Can accommodate two Extinguishing areas. Expandable up to 72 zones using expansion modules (8 zones per module). Output expandability; 8 relay modules with 8 relays each. Up to a maximum of 8 keypads units per system. Built in communicator supporting Contact I.D protocol. Power supply 27.6 VDC, 2A. CE certified.



### FIGHTER LCD REMOTE KEYPAD/REPEATER

User friendly Alphanumeric keypad - repeater with 80 characters (4 x 20) blue LCD display. Menu-driven programming for easy system setup (installer). Interconnection via RS-485 BUS system. Dimensions (HxWxD [mm]): 110 x 155 x 25.



### SEQUENTIAL EXTINGUISHING ACTIVATOR

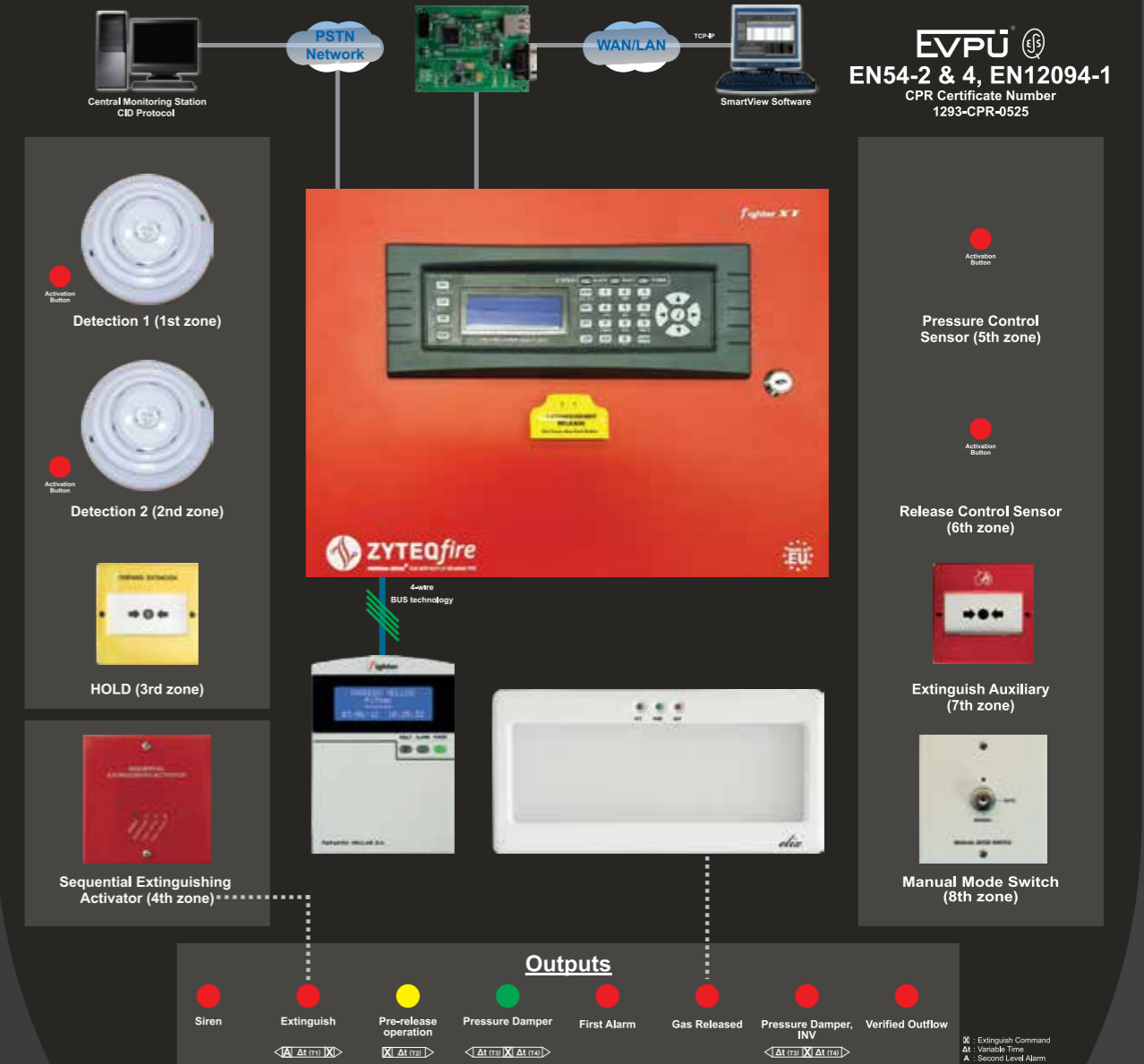
Device used to relay the Extinguishing command from the panel's output to more than one extinguishing generators. It reduces the current needed from the panel to activate these multiple generators by triggering them in sequence with a programmable delay from one activation to the next one. Open and short circuit on every part of the chain is detected and reported to the panel.



### MANUAL MODE SWITCH

2-position keyswitch in a metal enclosure. When Auto is enabled the panel operates in the normal way. When Manual is enabled the panel does not initiate any Extinguishing procedure unless the START extinguishing button is pressed. The panel indicates "Manual mode" in the main LCD display.

# fighter XT



		Time Line →		
		First Level Alarm	Second Level Alarm	Extinguishing Active
Z1	Detection Zone 1	Activated		
Z2	Detection Zone 2	Activated		
		Mode 1 & Mode 2 Outputs		
RL1	Siren	Interrupted Sound	Continuous Sound	
RL2	Extinguish Command	← T1 → Active		
RL3	Pre-Release	Active	← T2 →	
RL4	Pressure Damper	Active	← T3 T4 →	
		Mode 2 Only Outputs		
RL5	First Alarm	Active		
RL6	Gas Released	Active	Active	
RL7	Pressure Damper, INV	Active	← T3 T4 → (Inactive)	
RL8	Verified Outflow	Active	Active	

Extinguishing panel operational overview