# **Premier EX Pro**

# **Combined Fire & Extinguishing Control Panel**



#### **Features**

- ✓ Integral PSU (2.0 Amp)
- ✓ 4 x 20 LCD Display
- 🗸 Countdown
- Extinguishing Delay Timer (0-60 seconds)
- Flooding Time Programming
- 🗸 1.0A Bottle Output

- ✓ Optional 8 Way Relay
- ✓ Aux (Fan Output)
- Alarm/Fault log (100 Events)
- ✓ RS485 Output
- Optional 8 Way Relay Output

The EX Pro is the latest modern designed
extinguishing panel from Zeta Alarm Systems,
fully complying with EN54 parts 2 & 4, and EN
12094 part 1.

Featuring a blue  $4 \times 20$  LCD display with a list of extra features such as memory log of fire, fault and system events, adjustable flood times and countdown of extinguishing sequence.

The panel is assembled in a very modernised enclosure and construction for ease of termination.

#### EX-OER8 (37-099)

The EX-OER8 output expansion relay board can be mounted inside the EX Pro to provide voltage-free changeover relay contacts for reset, mode, discharged, abort and additional 1st stage, 2nd stage output and extract fan output. One unit can be used.



### EX-OER3 (37-097)

The EX-OER3 is an alternative to EX-OER8, 3 voltage-free contacts are available, abort, manual and auto.



### EX-RSI (37-098)

EX-RSI is a remote status indicator connected to the EX-PRO panel via RS485 output providing the following: auto/manual mode selection, manual release, first/ second stage alarm, gas discharged and abort.



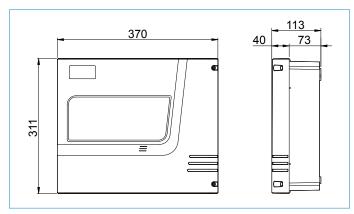
Indications	
Power	$\checkmark$
Fault	$\checkmark$
1st Stage Alarm	$\checkmark$
2nd Stage Alarm	$\checkmark$
Gas Fired	$\checkmark$
Bottle Monitoring	$\checkmark$
Manual Release	$\checkmark$
Abort	$\checkmark$
Auto Mode	$\checkmark$
Manual Mode	$\checkmark$
Control	
Double Action Manual Release	$\checkmark$

# **Premier EX Pro**

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## **Technical Information**

Model	EX-PRO		
Part Number	37-096		
Supply Voltage	230 AC +/- 10%		
System Voltage	24 VDC (Nominal)		
Detection Zones			
Zone Voltage			
Zone Capacity	32 Devices		
No. of Detection Zones	2 - EOL (4.7k)		
Line Monitoring for Open & Short Circuit	Yes		
Max Cable Length per Zone	250m		
Zone Quiescent Current	2mA max - EOL		
Sounder Outputs			
No. of Sounder Circuits	3 (S1A, S1B for 1st Stage, S2 for 2nd Stage)		
Sounder Output Rating	21-28 VDC, fused at 150mA per circuit		
Max Cable Length	60m		
Auxilliary Outputs			
No. of Auxilliary Outputs	5 (fault, 1st stage fire, 2nd stage fire, extract fan, gas fired output)		
Relay Rating	(30V - 1 Amp)		
Extinguishant Release Outputs			
Bottle Output	1.0 Amp - EOL 18K		
5 Monitored Inputs	Manual release, low pressure, gas fired, auto input & abort		
E.O.L Value	18K		
General			
Battery Space	Up to 2 x 7.0 AH, 12V DC SLA batteries		
IP Rating	IP32		
Operating Temperature	-10 to 50°C		
Box Dimensions (mm)	(W) 370 x (H) 311 x (D) 113		



4 x 20 LCDImage: constant of the section	Indications	
Common FireImage: Common FireCommon FaultImage: Common FaultGeneral DisablementImage: Common FaultGeneral TestImage: Common FaultSystem FaultImage: Common FaultZonal FireImage: Common FaultZonal Fault/Test/DisabledImage: Common FaultAlarm ActiveImage: Common FaultAlarm Fault/Test/DisabledImage: Common FaultAuto ModeImage: Common FaultAuto ModeImage: Common FaultAbortImage: Common FaultReleasedImage: Common FaultActivatedImage: Common FaultPre-activatedImage: Common FaultManual ReleaseImage: Common FaultFlooding Zone FaultImage: Common FaultControls ActiveImage: Common FaultDouble Action Manual ReleaseImage: Common FaultAuto/ManualImage: Common FaultNextImage: Common FaultPrevImage: Common FaultImage: Common FaultImage: Common FaultControlImage: Common Fa	4 x 20 LCD	$\checkmark$
Common Fault✓General Disablement✓General Test✓System Fault✓Zonal Fire✓Zonal Fault/Test/Disabled✓Alarm Active✓Alarm Fault/Test/Disabled✓Auto Mode✓Auto Mode✓Auto Mode✓Auto Mode✓Auto Mode✓Auto Mode✓Manual Released✓Activated✓Pre-activated✓Manual Release✓Flooding Zone Fault✓Controls Active✓More Data✓Control✓Next✓Prev✓	Power	$\checkmark$
General DisablementImage: Constraint of the sector of the sec	Common Fire	$\checkmark$
General TestImage: Constraint of the sector of	Common Fault	$\checkmark$
System FaultImage: state of the	General Disablement	$\checkmark$
Zonal FireImage: Constant of the sector of the	General Test	$\checkmark$
Zonal Fault/Test/DisabledAlarm ActiveAlarm Fault/Test/DisabledManual ModeAuto ModeAuto ModeAbortAbortReleasedActivatedPre-activatedFlooding Zone FaultControls ActiveMore DataControlDouble Action Manual ReleaseAuto/ManualNextPrevVertionAuto/ManualAuto/ManualAuto/ManualAuto/ManualAuto/ManualAuto/ManualAuto/ManualAuto/ManualAutoYerevYerev	System Fault	$\checkmark$
Alarm ActiveImage: Constraint of the cons	Zonal Fire	$\checkmark$
Alarm Fault/Test/DisabledManual ModeManual ModeAuto ModeAuto ModeAbortAbortAbortReleasedActivatedPre-activatedManual ReleaseFlooding Zone FaultControls ActiveMore DataControlDouble Action Manual ReleaseAuto/ManualNextNextPrevYerev	Zonal Fault/Test/Disabled	$\checkmark$
Manual ModeAuto ModeAuto ModeAbortAbortReleasedActivatedPre-activatedManual ReleaseFlooding Zone FaultControls ActiveMore DataControlDouble Action Manual ReleaseAuto/ManualNextPrev	Alarm Active	$\checkmark$
Auto ModeImage: Constraint of the section	Alarm Fault/Test/Disabled	$\checkmark$
AbortImage: Constraint of the section of	Manual Mode	$\checkmark$
ReleasedImage: constraint of the section	Auto Mode	$\checkmark$
Activated✓Pre-activated✓Manual Release✓Flooding Zone Fault✓Controls Active✓More Data✓ControlDouble Action Manual Release✓Auto/Manual✓Next✓Prev✓	Abort	$\checkmark$
Pre-activated✓Manual Release✓Flooding Zone Fault✓Controls Active✓More Data✓Control✓Double Action Manual Release✓Auto/Manual✓Next✓Prev✓	Released	$\checkmark$
Manual ReleaseImage: Control stateFlooding Zone FaultImage: Control stateControl stateImage: Control stateDouble Action Manual ReleaseImage: Control stateAuto/ManualImage: Control stateNextImage: Control statePrevImage: Control state	Activated	$\checkmark$
Flooding Zone Fault   Controls Active   More Data   Control   Double Action Manual Release   Auto/Manual   Next   Prev	Pre-activated	$\checkmark$
Controls ActiveImage: Control Section Annual ReleaseControlDouble Action Manual ReleaseAuto/ManualNextNextPrev	Manual Release	$\checkmark$
More DataMore DataControlDouble Action Manual ReleaseAuto/ManualNextPrev	Flooding Zone Fault	$\checkmark$
ControlDouble Action Manual ReleaseAuto/ManualNextPrev	Controls Active	$\checkmark$
Double Action Manual ReleaseAuto/ManualNextPrev	More Data	$\checkmark$
Auto/Manual     ✓       Next     ✓       Prev     ✓	Control	
Next   Prev	Double Action Manual Release	$\checkmark$
Prev 🔨	Auto/Manual	$\checkmark$
	Next	$\checkmark$
Start 1st Stage Sounders 🗸	Prev	$\checkmark$
	Start 1st Stage Sounders	$\checkmark$
Stop 1st Stage Sounders 🗸	Stop 1st Stage Sounders	$\checkmark$
Silence Buzzer 🗸	Silence Buzzer	$\checkmark$
Reset 🗸	Reset	$\checkmark$
Reset CIE 🗸	Reset CIE	$\checkmark$
LED Test 🗸	LED Test	$\checkmark$