

Chubb Zonemaster extinguishant control panels

Fire Systems

Prevent Fire | Detect Fire | Contain Fire | Escape Fire

Product

Chubb Zonemaster extinguishant control panels



System Benefits

Chubb Zonemaster extinguishant control panels provide an effective method of detection and either automatic or manual release of an extinguishing medium. Zonemaster is ideal for use in small to medium sized computer rooms, manufacturing areas and other high risk or high value installations that need protection from fire.

- High Standards of Build Quality & Performance**
 Designed to comply with BS5839 part 4 and BS7273 part 1.
- Flexible Coverage**
 Range covers 2 or 4 zones of detection and one area of extinguishing.
- Coincidental Detector Operation**
 To prevent accidental release of extinguishant, discharge will only occur if two detection zones are triggered.
- Pre-Event Warning of System Discharge**
 In an emergency, pre-release warnings are given for a pre-set time period, allowing staff to evacuate the protected area before the extinguishant is released.
- Reliable Operation**
 To ensure continuous, reliable operation, Zonemaster extinguishant panel monitors the wiring to detection devices, sounders and, actuator or release solenoid.
- Failsafe Operation**
 In the event of a mains failure, back-up batteries housed in the Zonemaster cabinet will continue to power the system.
- Automatic & Manual Release**
 Automatic or manual control may be selected, giving the user complete discretion over the use of the extinguishant.

Chubb Zonemaster extinguishant control panels

Technical Data

	ZONEMASTER 102 EXTINGUISHANT (2+1)	ZONEMASTER 104 EXTINGUISHANT (4+1)
Power		
Input Voltage		230 VAC
System Voltage		24VDC
Max. Battery Size	2 x 12v, 7A/H	2 x 12v, 12A/H
Current Consumption		
Panel Quiescent		160 mA
Full Alarm Current	320 mA	490 mA
Detection Zone Quiescent		1.6 mA
Outputs		
First Stage Alarm Outputs		2 Outputs 500 mA each
Second Stage Alarm Output		500 mA
Combined Sounder Circuits	750 mA	1500 mA
Actuator Output	1 Amp	
Extract Fan Output	N/A	100 mA
Status Indicator Output	120 mA	
First Stage Contact		Volt free changeover 1A at 30 VDC
Second Stage Contact		Volt free changeover 1A at 30 VDC
Common Fault		Volt free changeover 1A at 30 VDC
Zonal Repeat Contact		Volt free normally open 1A at 30 VDC
Alarm Contact		Volt free changeover 1A at 30 VDC
Remote Signal		Volt free changeover 1A at 30 VDC
Auxiliary Output		250 mA
Power Supply		2.5 Amps
Remote Inputs		
Alarm Silence		Internal 0 volts i/p
System Reset		Internal 0 volts i/p
Alarm		Internal 0 volts i/p
Mode Select		470R trigger resistance
Manual Release		470R trigger resistance
Hold Release		470R trigger resistance
Pressure Switch		470R trigger resistance
Environment		
Temperature Range		-5°C to +50°C
Humidity Range		0 - 95% (Non-condensing)
IP Rating		IP40
Physical		
Dimensions (mm)	365W x 290H x 88D (mm)	500W x 355H x 108D (mm)
Weight [Excluding batteries]	6 Kg	8 Kg
Colour [Semi gloss light grey]		RAL9002
Part Numbers		
Control Panel	F860012S	F860013S
12v Sealed Lead Acid Battery [x2]	F3951894N	F850191N
Active End of Line unit		F850290N
A4 Framed Operating Instructions		F850332N

Chubb Fire, helping you to:
Prevent Fire | Detect Fire | Contain Fire | Escape Fire

call **0800 32 1666** or visit www.chubb.co.uk