⠿ Chubb Controlmaster 300b range

Fire Systems

Prevent Fire | **Detect Fire** | Contain Fire | Escape Fire

⠿ Product

Controlmaster 300b Analogue Addressable Fire Alarm Control Panel

⠿ System Benefits

The Chubb Controlmaster 300b range of advanced fire panels utilise the latest in analogue addressable fire alarm technology to provide a flexible and expandable detection system which is ideal for medium to large commercial and industrial premises. Networked Controlmaster systems may be linked to a PC graphic

Controlmaster provides the most sophisticated monitoring of a work environment, and the most comprehensive protection against serious fire damage and life threatening hazards, which can develop from an outbreak of fire. Benefits of the range of panels include:

Monitored detection
Intelligent detectors monitor smoke and temperature variance throughout a site for smoke build-up and significant heat increase.

Location reports
Controlmaster provides precise location reports of any situation requiring immediate investigation (reducing search time around the premises).

Alarm activation
Alarms are raised at appropriate locations for staged site evacuations, to ensure the safe exit of all personnel. Necessary safety measures are also set in motion (voice alarm system announcements, lift control, gas valves shut down, fire doors closed and any other appropriate measures).

Historical event log
A log of events is maintained in the system memory.

Fully expandable
The Controlmaster system expands easily to fully networked applications in large and complex sites, with cost effective installation and minimum disruption.

Flexible control
Controlmaster can be linked directly to the emergency services during periods when the building is unoccupied, ensuring rapid response to a fire condition.

Solid construction
The Controlmaster electronics are enclosed in a high quality steel enclosure with preformed knockouts to aid in installation. The control panel housing can be either surface or flush mounted.
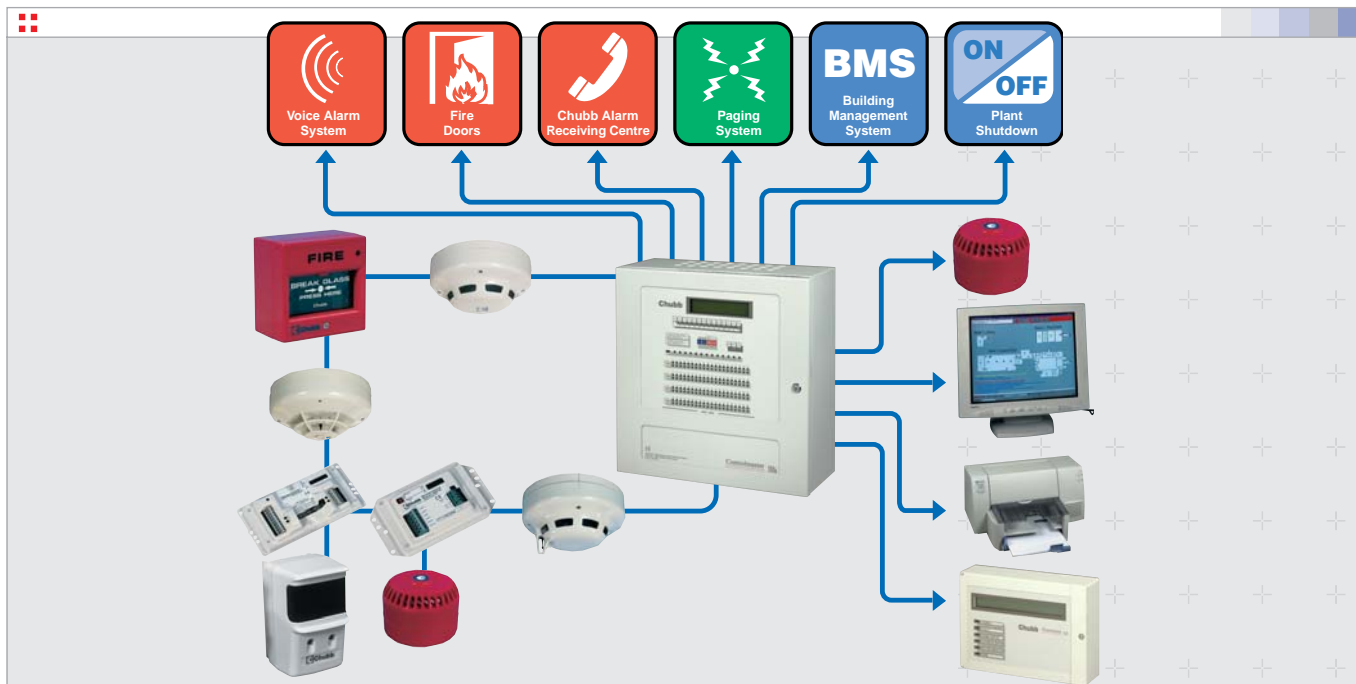
False alarm management
To minimise false alarms the sensitivity of individual loop detectors can be adjusted to suit the environment. Time delays can also be programmed into the panel, which cause a warning signal to be indicated at the panel, allowing time for investigation before a full alarm sequence is initiated.

Quality assured
EN54 compliant and LPCB approved.

Chubb

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Technical Data

	Controlmaster 320b	Controlmaster 380b
Power		
Input Voltage (VAC)	220 + 10% & -15%	220 + 10% & -15%
System voltage (VDC)	24	24
Input voltage (VAC)	12v, 12A/H (x2)	12v, 26A/H (x2)
Current Consumption		
*Panel Quiescent - 1 loop card (mA)	130	265
*Full Alarm current - 1 loop card (mA)	360	470
Outputs		
No. of Loop Driver Outputs	2	5
Maximum Output per Loop Card	200	200
Number of On Board Sounder Circuits	2	4
Maximum Output Sounder Circuit (Amps)	1	1
Total Sounder Circuit Output (Amps)	1.3	1.5
Programmable Relay (Rating)	1 Amp @ 40V ac/dc	1 Amp @ 40V ac/dc
Common Output (mA)	1 Amp @ 40V ac/dc	1 Amp @ 40V ac/dc
Auxiliary Output (mA)	340	340
Power Supply (Amps)	2.5	3.25
Environment		
Temperature range (°C)	-5 to + 40	-5 to + 40
Humidity Range	0 - 95%	0 - 95%
IP Rating	IP30	IP41
Physical		
Dimensions (mm)	400H x 400W x 135D	500H x 500W x 185D
Weight (Excluding batteries) (Kg)	9.3	17
Colour (Semi Gloss Light Grey)	RAL9002	RAL9002
Part Numbers		
Control Panel	F850560N	F850562N
CA Loop Driver Card	F850529N	F850529N
12V Sealed Lead Acid Battery (x2)	F850191N	F3470133N
Flush Mounting Bezel	F850561N	F850563N
485 Comms Card**	98006S	98006S

*Add 40mA/ Additional Loop Card Installed
** 485 Required when interfacing to Graphics, Repeater panels or Peripheral Loop Devices

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Chubb Fire, helping you to:

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

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