

***Technical Data
Sheets (Catalogues).***

LPCB Certified EP203/CON 3 Zone Automatic Extinguisher Panel

Introducing the EP203/CON 3 zone automatic extinguisher panel from Context Plus.

LPCB certified to EN 12094 part 1 (Fixed Firefighting Systems - Components for Gas Extinguishing Systems) and EN54 parts 2 & 4, the panel epitomises quality, durability and reliability and is ideal for use in any area housing expensive, dangerous or irreplaceable items of equipment.

Featuring an intuitive 128 x 64 pixel two-colour graphic display that gives clear and concise feedback to the user, installer and commissioning engineer, the panel also includes six monitored inputs (including hold and abort), a time stamped log, adjustable flood times and volt-free changeover relays for fire, local fire, 1st stage active, 2nd stage active, extractor fan and fault.

The panel is supplied in a durable enclosure with all of its electronics - apart from its powerful 3A EN54-4 switch mode PSU - mounted on a detachable metal bridge plate for ease of installation. A wide range of ancillaries are also available including remote status units, hold-off and abort buttons, line terminators and output expansion relay boards.



LPCB Ref. 176c
to EN 12094-1 (2003)
EN 54-2/A2 (2007)
EN 54-4/A2 (2006)



0832-CPD-0794

Context Plus systems are certified and comply with the quality requirements specified in the standards.

Key Features

- LPCB approved to EN 12094 part 1 and EN54 parts 2 & 4
- Functions as a standard three zone fire panel with additional circuitry for controlling the release of fire-suppressing gas into protected areas
- Unique 128 x 64 pixel graphical display facilitates straightforward system programming
- Any combination of activated zones can be programmed to automatically start the panel's extinguishant release sequence
- Includes a pull-down front-panel manual release button and two keyswitches for accessing the panel's functions and toggling between auto/manual mode
- Three conventional sounder circuits (two x 1st stage, one x 2nd stage)
- Powerful 3A EN54-4 compliant switch mode PSU
- Low quiescent current - less than 40mA on mains fail
- Wide range of monitored inputs and auxiliary outputs (see schematic overleaf)
- Abort and hold inputs allow the panel's release sequence to be cancelled or suspended at any time
- Time-stamped event log
- RS485 connections for up to eight flush or surface remote status units with their own LCDs, manual release and mode (auto/manual) switches. Single gang economy status units (without an LCD) are also available
- Extensive range of commissioning and engineering functions
- Optional relay expansion boards and single gang abort and hold buttons
- Ideal for use in computer rooms, telecommunication centres, archive storage areas, chemical plants, generator rooms, museums, etc
- System line terminator included with all panels

Context Plus



How do automatic extinguisher systems work?

Automatic extinguisher systems work by controlling the release of fire-suppressing gas into areas where fires need to be put out quickly, with minimal damage to the equipment being protected. A typical automatic extinguisher system comprises the fire suppressing agent – usually an inert gas such as Argonite – storage containers, release valves, fire detectors, the control panel (and ancillaries), delivery piping and dispersion nozzles.

Fitting an extinguishing system clearly requires a degree of expertise. However, the EP203/CON is incredibly easy to install. It is the first EN 12094 part 1 compliant extinguisher panel to feature an intuitive 128 x 64 pixel display that gives clear and concise feedback to the user, installer and commissioning engineer. This allows engineers to commission with confidence without having to refer to complicated LED arrays, convoluted

7-segment displays and look-up sheets ... everything is in plain English.

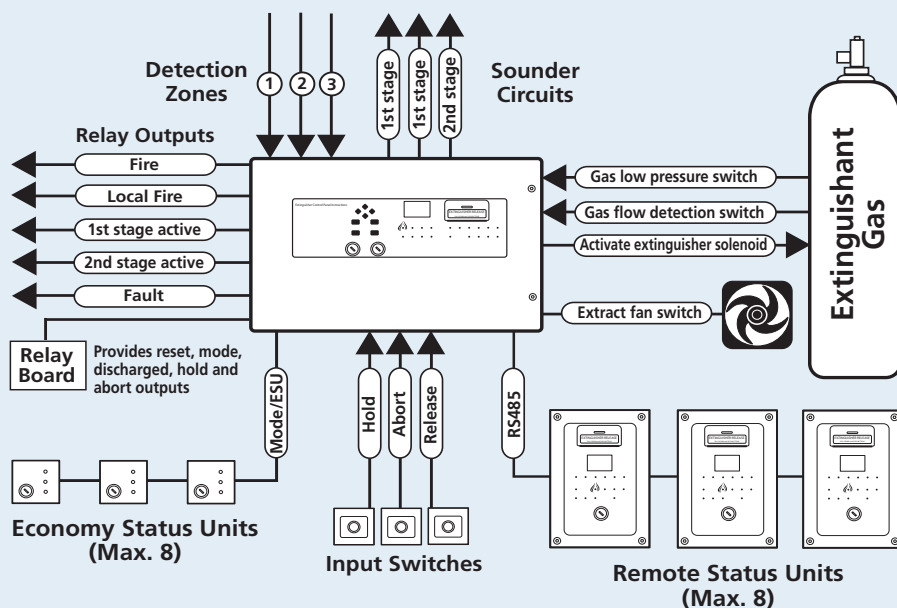
Despite the EP203/CON's ease of programming, it is one of the most powerful extinguisher panels on the market. It includes three conventional detector circuits and three conventional sounder circuits (2 x 1st stage, 1 x 2nd stage), all of which are line monitored for open and short circuit faults. Any combination of activated detector zones can be programmed to automatically activate the panel's extinguishant release sequence, which can be set to operate with or without a delay. No less than six monitored inputs are also provided, including Hold and Abort for suspending or cancelling the release sequence at anytime. An optional relay expansion board can also be fitted to provide reset, mode, discharged, hold and abort outputs.

Other features include adjustable flood times, an alarm counter that

records the number of occasions the panel has been in alarm, a time-stamped log, support for up to two solenoids or multiple Metrons and volt-free changeover relay contacts for fire, local fire, first stage active, second stage active, extract fan and fault.

For additional flexibility, up to eight flush or surface remote status units, each with their own displays, manual release mechanisms and mode switches, can be connected to the EP203/CON via a monitored RS485 bus. Single gang economy status units without a display are also available (8 per system). The availability of these and a host of other ancillary devices including system line terminators and hold off/abort buttons, makes the EP203/CON ideal for use in computer rooms, telecommunication centres, archive storage areas, chemical plants, generator rooms, museums and more.

An overview of the EP203/CON's inputs and outputs



Products & Descriptions

3 Zone Automatic Extinguisher Panel

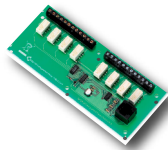


Part No: EP203/CON

Includes all of the circuitry for controlling the extinguishant release, a pull-down manual release button, a 128x64 pixel LCD display plus all of the features listed.

W467 x H293 x D100 mm

Output Expansion Relay Board



Part No: EP212

Mounts inside the EP203 panel to provide volt-free changeover relay contacts for reset, mode, discharged, hold and abort. Max. 1 per EP203.

W162 x H70 x D20mm

Flush Mounting Remote Status Unit



Part No: EP210F

Includes a status LCD, manual release and mode (auto/manual) switches. Max. 8 EP210F/EP210S per EP203. Weatherproof enclosure also available, order code BF359/1.

W175 x H250 x D53mm

Surface Mounting Remote Status Unit



Part No: EP210S

Includes a status LCD, manual release and mode (auto/manual) switches. Max. 8 EP210F/EP210S per EP203. Weatherproof enclosure also available, order code BF359/1.

W160 x H240 x D51mm

Single Gang Economy Status Unit



Part No: EP211

Includes a keyswitch operated mode (auto/manual) switch and three status LEDs. Max. 8 per EP203.

W87 x H87 x D35mm

System Line Terminator



Part No: EP214

Allows the EP203's extinguishant release output to be terminated to a gas release solenoid. Max. 2 per EP203 (one EP214 is supplied with the EP203).

W55 x H55 x D22mm

Extinguishant Hold Off/Abort Buttons



Part No: CP150ALB (Abort)
CP200HLB (Hold)

Easy to operate buttons that can be used to delay/hold off or cancel/abort the extinguishant release. Order CP150ALB for Abort or CP200HLB for Hold. Hinged protective covers are supplied with both.

W89 x H93 x D59mm (without cover)

Yellow Extinguishant Release Call Point



Part No: CP100RLR

A surface mounting call point that can be used to remotely trigger the EP203's extinguishant release sequence. Supplied with a hinged protective cover.

W89 x H93 x D59mm (without cover)

EP215 IP66 Extinguishant Hold Off/Abort Buttons



Part No: EP215

An IP66 rated button that can be used to delay (hold off) or cancel (abort) the extinguishant release sequence depending on how it is connected.

W93 x H93 x D88mm

BF372 Yellow Extinguishant Release Call Point, Surface



Part No: BF372

Certified to EN54 Part 11 (LPCB/VdS). Ideal for use with Context plus EP203 Automatic Extinguisher

Ordering Code
MCP3A-Y000SG-14C

W93 x H89 x D60mm

COMMISSIONING & ENGINEERING FUNCTIONS

- Zone selection:**
Selects the zone combination that starts the extinguishant release sequence
- Extinguishant delay:**
Sets the countdown duration before extinguishant release
- Extinguishant duration:**
Sets the duration of the firing signal to the extinguishant output
- Flooding time:**
Sets the duration for the release of extinguishant
- Extract option:**
Enables/disables the ventilation extract option
- Extract time:**
Sets the duration for the ventilation extract fan operation
- Sounder delay:**
Sets the delay duration before the fire sounders are activated
- Remote status unit learn:**
Finds all remote status units and updates the panel's database
- Extinguishant output EOLS:**
Selects the number of extinguisher circuit terminations
- Mode exceptions:**
Selects the default setting mode when the mode input is in Fault and/or Disabled
- Earth fault:**
Disables/enables the panel's earth fault monitoring circuitry
- Manual release mode:**
Selects either delayed or immediate release of extinguishant
- Zone trigger:**
Enables a short circuit condition on the three detection zones
- Clean start:**
Clears the panel's memory back to its default factory settings
- Walk test:**
Puts detection zone(s) into walk test mode
- Test relays:**
Tests the panel's auxiliary relay outputs
- Test sounders:**
Tests the panel's sounder circuits
- Monitoring:**
Applies a constant monitoring voltage
- Show PSU stats:**
Displays the status of the panel's power supply & standby battery

Also available for your gas extinguishing installations:



Bells



Sounder/
Beacons



Xenon
Beacons

EP203/CON Automatic Extinguisher Panel Technical Specifications

Power Supply Specification

Mains supply voltage	230Vac, 50/60Hz
Internal power supply	24Vdc nominal
Max. output current	3A@230Vac
Power rating (including charging)	1.5A cont., 3A peak
Battery type	2 x 12Vdc, 7Ahr VRLA type, connected in series
Battery charge current	0.7A
Earth fault monitoring	YES
Mains supply/battery charger monitored for failure	YES
Batteries monitored for disconnection and failure	YES
Quiescent current drain on mains fail	40mA approx.

Detector Circuit Specification

Number of conventional detector circuits	3 @ 21-28Vdc
Line monitored for open and short circuit faults	YES
Max. cable length per circuit	250m
Max. no. of smoke/heat detectors per circuit	20
Max. combined no. of detectors & manual call points per circuit	32
Zone quiescent current	2mA max.
End-of-line resistor value	6K8 ohm \pm 5%, 0.25W

Sounder Circuit Specification

No. of conventional circuits	3 (two x 1st stage, one x 2nd stage)
Line monitored for open and short circuit faults	YES
Sounder outputs rating	21-28Vdc, fused @200mA per circuit
Max. sounder cable length per circuit	50m
Max. number of polarised sounders per circuit	10 @ 20mA each
End-of-line resistor value	6K8 ohm \pm 5%, 0.25W

Auxiliary outputs

No. of auxiliary outputs *	6 (Fire, Local Fire, Extract Fan, 1st Stage, 2nd Stage, Fault)
Relay contact rating	30Vdc, 1A max.

* Note that 5 additional relay outputs (Reset, Mode Switch, Discharged, Hold, Abort) are available on the EP212 relay output expansion card

Extinguishant release outputs

Extinguishant release output	21-28Vdc, rated at 1A for 5mins.
Extinguishant release time delay	Adjustable 0-60 seconds (1 second steps)
Extinguishant release duration	Adjustable 1-300 seconds (1 second steps)
Extinguishant release flooding time	Adjustable 60-1800 seconds (1 second steps)
Extinguishant output end-of-line	"Terminator" circuitry EOL (Part No. EP214)

Monitored Inputs

Number of monitored inputs and type	6 (Manual Release, Flow Switch, Low Pressure, Mode, Hold, Abort)
Thresholds	8k to 2k ohms (normal); 1.8k to 200 ohms (active), 150 to 0 ohms (short circuit)
End-of-line resistor value	6K8 \pm 5%, 0.25W

Controls & Indicators

Status Display Unit	128 x 64 pixel graphic LCD unit, two-colour backlight
LCD 'Access Level 1' Menu:	• Display Faults • Display Disablesments • Zones in Test • Lamp Test • Alarm Counter
LCD 'Access Level 2' Menu:	• Display Faults • Display Disablesments • Zones in Test • Lamp Test • Alarm Counter • Set Time/Date • Event Log • Display Contrast • Disablesments
LCD 'Access Level 3' Menu:	• Display Faults • Display Disablesments • Zones in Test • Display RSUs • Disablesments • Commissioning • Engineering
Controls (2 x keyswitches)	• Accessed • Manual Only or Manual & Automatic
Controls (push buttons)	• Menu • Silence Internal Sounder • Control Panel Reset • Silence/Resound Sounders • Scroll up • Scroll down • Escape • Accept • Extinguisher Release (housed in yellow casing).
Indicators (LEDs)	• General Fire • Fire Zones (x3) • General Disablement • Zone Fault/Disable/Test (x3) • Hold • First Stage Output • Release Imminent (x2) • Extinguishant Released • Abort • Disablesments (Extinguishant Release, Manual Release, First Stage Output, Second Stage Output, Sounder) • Manual Only • Manual & Automatic • Supply Present • PSU Fault • Accessed • Test • General Fault • System Fault • Delays • Sounder Fault • Flooding Zone Fault • Low Press Fault.
Internal control (push button)	Access Level 3 Switch (located on Main Control PCB)

Dimensions (W x H x D)

Dimensions	Back box = 439mm x 276mm x 70mm approx. (metal); Lid = 467mm x 293mm x 29mm approx. (plastic)
Weight	4.65kg (without batteries)

Context Plus Limited

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The company reserves the right to change specifications of products at any time without prior notice. It cannot be held responsible for any omissions or errors.

SERIES 65A (UL) CONVENTIONAL FIRE DETECTORS



Context Plus Series 65A UL devices incorporate well-proven sensing technologies, together with advances in materials and electronics technology. With a wide operating voltage of 9-33V, the range consists of ionization, integrating ionization and photo-electric smoke detectors, 2 grades of thermal detector and a standard base. Each type of detector has an LED which flashes continuously in stand-by.

- ▶ Wide operating voltage
- ▶ Can be used on security systems
- ▶ Advanced electronic technology
- ▶ Remote indicator connection as standard
- ▶ Flashing LED
- ▶ Designed to meet UL approvals



MADE IN ENGLAND



Series 65A Ionisation smoke detector
Part Number 55000-226IMC

CONTEXT PLUS SERIES 65A IONISATION SMOKE DETECTORS 55000-226IMC

Detector Features	Integrating Ionisation Flashing LED
Part No	55000-226IMC
Supply voltage	9 to 33V
Average stand-by current at 24V	45µA
Average stand-by current at 9V	21µA
Alarm current at 24V	52mA
Alarm current at 9V	17mA
Alarm indication	Red LED
Ambient temperature	32 to 158°F
Max wind continuous	2,000ft/min
Remote output (R-)	Current sink to -ve line, limited to 17mA.



MADE IN ENGLAND



Series 65A Optical smoke detector
Part Number 55000-326IMC

CONTEXT PLUS SERIES 65A PHOTO-ELECTRIC SMOKE DETECTORS 55000-326IMC

Detector Features	Context Plus Series 65A Photo-electric Flashing LED
Part No	55000-326IMC
Supply voltage	9 to 33V
Average stand-by current at 24V	45µA
Average stand-by current at 9V	40µA
Alarm current at 24V	52mA
Alarm current at 9V	17mA
Alarm indication	Red LED
Ambient temperature	32 to 100°F
Max wind continuous	not affected
Remote output (R-)	Current sink to -ve line, limited to 17mA.



MADE IN ENGLAND



Series 65A Fixed Temp / Rate of Rise heat detector 135 °F
Part Number 55000-139IMC

CONTEXT PLUS SERIES 65A THERMAL DETECTORS 55000-139IMC / 145IMC

Detector Features	Series 65A Thermal Flashing LED	Series 65A Thermal Flashing LED
Rating	Ordinary	Intermediate
Part No	55000-139IMC	55000-145IMC
Supply voltage	9 to 33V	9 to 33V
Average stand-by current at 24V	55µA	55µA
Average stand-by current at 9V	50µA	50µA
Alarm current at 24V	52mA	52mA
Alarm current at 9V	17mA	17mA
Alarm indication	Red LED	Red LED
Ambient temperature	32 to 100°F	32 to 100°F
Max wind continuous	not affected	not affected
Remote output (R-)	Current sink to -ve line, limited to 17mA.	Current sink to -ve line, limited to 17mA.



MADE IN ENGLAND



Part Number 45681-200IMC
Part Number 45681-245

CONTEXT PLUS SERIES 65A BASES 45681-200IMC / 45681-245

Series 65A bases have been designed to enable detectors to be plugged in without any need for force - particularly useful on suspended ceilings. All versions are lockable. It has no electronic parts that could be damaged during installation.

65A UL ORDER CODES

	Part Code
Series 65A Optical smoke detector, UL Listed with Flashing LED, Context Plus branded	55000-326IMC
Series 65A Ionisation smoke detector, UL Listed with Flashing LED, Context Plus branded	55000-226IMC
Series 65A Fixed Temp / Rate of Rise heat detector 135 °F, UL Listed with Flashing LED, Context Plus branded	55000-139IMC
Series 65A Fixed Temp / Rate of Rise heat detector 200 °F, UL Listed with Flashing LED, Context Plus branded	55000-145IMC
Series S65A Base only	45681-200IMC
Standard Relay base for Series 65A detectors	45681-245
RLI Remote LED Detector Indicator	BF318



MADE IN
ENGLAND



Conventional Manual Call Point
Part Number MCP1A-525IMC

CONVENTIONAL INDOOR MANUAL CALL POINT MCP1A-525IMC

Offers installation efficiency, flexibility and full compliance with the latest standards. Provides a unique 'plug and play' concept to reduce installation time. The MCP utilises a special terminal block, where all initial installation cabling is terminated. This terminal block is then simply connected to the back of the MCP. Simple, but effective, with no re-termination required and no time wasted. Also comes with resettable element as standard. Illegal removal of the lid will result in the call point operating and the system going into alarm. Fully approved to EN54-11 standard and is supplied with both a resistor and normally open clean contact electrical options.

- ▶ Unique 'Plug & Play' installation concept
- ▶ Total 'Flex-Ability' in the choice of operating element
- ▶ Anti-Tamper facility
- ▶ LPCB Approved



Fire Alarm Call Point
Part Numbers below

FIRE ALARM CALL POINT CP550CP

Professionally designed for use in fire detection systems. When wired for open circuit operation, the circuit closes instantly when the glass is smashed. Openings are provided for 3/4" Ø conduit entries from top, bottom and the back. Comes in 5 different colours in casings with high impact strength and high resistance to heat. All metal parts are made of brass and phosphor bronze to ensure life long resistance against corrosion. A high reliability microswitch is also included. Designed to meet the requirements of BS5839 Part 2, EN54 Part 11 and approved by Australian Standard AS1603 Part 5.

- ▶ Double terminal wire connectors for independent input and output connections.
- ▶ Incorporation of the instant test operation which is activated by a special key.
- ▶ Protection against injury through foil-labelled glass pane.

RESETTABLE FIRE ALARM CALL POINT CP550CPR



Resettable Fire Call Point
Part Numbers below

Has a simple 'RESET' mechanism comprising tough ABS plastic operating elements that simulate break glass activation. Is instantly reusable without environmental hazard caused by fragments of broken glass-making. Perfect for food processing plants and places that are prone to false activations such as schools, shopping malls and other high traffic areas. When wired for open circuit operation, the circuit closes instantly when activated. Also meets the requirements of BS5839 Part 2 and EN54 Part 11.

- ▶ No glass elements to break, lose or incorrectly fit when installing.
- ▶ Complete functional test with every activation.
- ▶ Virtually maintenance free – achieved by an easy reset operation with a simple key.

MCP ORDER CODES

	Part Code
No Break Resettable Conventional Manual Call Point, LPCB Approved, Context Plus branded	MCP1A-525IMC
No Break Resettable Fire Call Point, Surface Mount, Context Plus branded	CP500CPR
Smash Glass Fire Call Point, Surface Mount, Context Plus branded	CP550CP
Spare Glass for CP550CP Call points	CP550CP/G
Transparent Polycarbonate cover for the CP500CPR and CP550CP	CP500/550/C

EN54-3 Compliant FirePlus Platform Sounder, Sounder and Sounder Beacons. Comprehensive range including: CP550DB FirePlus DB sounder, red body deep base (IP65), LPCB approved, CP750CDB FirePlus CDB sounder/beacon, red body, red lens, deep base (IP65), Intertek approved and CP850BSW FirePlus BS base sounder, white, LPCB approved.



FIREPLUS WEATHERPROOF SOUNDER CP550DB

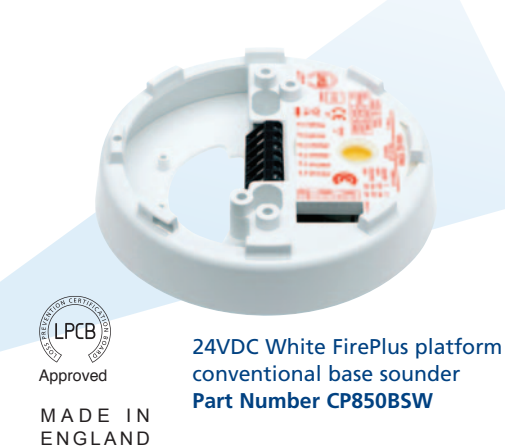
- ▶ 32 tones plus a selectable override tone
- ▶ Independently certified to IP65
- ▶ Unique twist and lock bayonet mounting system
- ▶ Fully approved to EN54-3 by LPCB
- ▶ Removable cover for surface wiring
- ▶ Features base locking system as standard
- ▶ Sound level @ 1m (Tone1): 82.1dB(A) Low, 97.6dB(A) Med, 102.3dB(A) High.
- ▶ Current consumption @ 24Vdc: 8.3mA Low, 16.4mA Med, 30.8mA High.

FIREPLUS WEATHERPROOF SOUNDER/BEACON CP750CDB



- ▶ Sounder function fully approved EN54-3
- ▶ 32 tones plus a selectable override tone
- ▶ Switch selectable beacon only feature
- ▶ Independently certified to IP65
- ▶ Unique twist and lock bayonet mounting system
- ▶ Removable cover for surface wiring
- ▶ Fully approved to EN54-3 by Intertek
- ▶ Sound level @ 1m (Tone1): 79.7dB(A) Low, 95.4dB(A) Med, 99.1dB(A) High.
- ▶ Current consumption @ 24Vdc: 10.8mA Low, 19.9mA Med, 34.4mA High.

FIREPLUS PLATFORM SOUNDER CP850BSW



- ▶ 32 tones plus a selectable override tone
- ▶ Sound level @ 1m (Tone1): 93.8dB(A) High.
- ▶ Current consumption @ 12mA High.
- ▶ Switch selectable volume control
- ▶ Modern ultra low profile for discreet mounting
- ▶ Fully approved to EN54-3 by LPCB
- ▶ Designed to accept most leading detector bases
- ▶ IP21C Rated

FIREPLUS ORDER CODES

	Part Code
24VDC Red FirePlus Weatherproof IP65 fire sounder, deep base, LPCB, Context Plus branded	CP550DB
24VDC Red FirePlus Weatherproof IP65 fire sounder/beacon, deep base, Intertek, Context Plus branded	CP750CDB
24VDC White FirePlus platform conventional base sounder, LPCB	CP850BSW

CP RANGE CONVENTIONAL SOUNDERS, BEACONS & BELLS

Our CP RANGE of wall-mounting Electronic Sounders and Sounder/Beacons provide good audibility in all directions. They have locally controllable output levels allowing the sound intensity to be adjusted to suit the application. If required, the use of a third wire enables a second stage alarm to be switched to override the selected tone. These versatile features allow them to work seamlessly with most fire detection systems. All fully comply with EN54 and have a protection rating of IP65. Also available is a motorised bell.



Sounder
Part Number CP400SR

SOUNDER CP400SR

- ▶ Available in ABS or polycarbonate.
- ▶ Acoustically efficient design - capable of generating (100 dBA at 13mA 24VDC)
- ▶ Operates over a wide voltage range of 8 to 28V DC
- ▶ Automatic sander synchronization.
- ▶ High sound output, low current consumption.
- ▶ 4 On-board selectable tones.
- ▶ Adjustable volume control screw.
- ▶ High reliability and stable performance.
- ▶ Wide angle uniform sound distribution.
- ▶ IP65 rated
- ▶ Full EN54 compliance.



Sounder/Beacon
Part Number CP450SER

SOUNDER/BEACON CP450SER

- ▶ Available in ABS or polycarbonate.
- ▶ Polycarbonate Fresnel lens.
- ▶ Voltage range 20 to 28V DC
- ▶ Automatic sander synchronization.
- ▶ High sound output, low current consumption.
- ▶ 4 On-board selectable tones.
- ▶ Adjustable volume control screw.
- ▶ High reliability and stable performance.
- ▶ High brightness LED.
- ▶ Full EN54 compliance.
- ▶ IP65 rated



Motor Driven Dome Bell
Part Number CP250BR

6 INCH (150MM) MOTOR DRIVEN DOME BELL CP250BR

- ▶ Heavy duty micro-motor with built-in varistor suppression ensures reliability and long life.
- ▶ Designed to meet the requirements of EN54-3:2001.
- ▶ Plug-in power supply.
- ▶ Interchangeable base suitable for surface mounting.
- ▶ Zero standby current and low current consumption.
- ▶ Integral RFI suppression to minimize induced noise on the alarm circuit.
- ▶ 8" size and IP65 variants available
- ▶ Decibel rating @ 1m = 95dB (24V, 0.03A)
- ▶ Weight = 812g.

CP RANGE ORDER CODES

	Part Code
24V Red weatherproof IP65 4 Tone 103dBA CP Conventional fire Sounder, Context Plus branded	CP400SR
24V Red Weatherproof IP65 4 Tone CP Conventional Fire Sounder / Beacon, 103dBA, Context Plus branded	CP450SER
24V 6" polarised fire bell (150mm under dome) c/w diode, Context Plus branded	CP250BR

LPCB Certificate.

LPCB

This is to Certify

Context Plus Ltd

Export House, 175 Mauldeth Road, Fallowfield, Manchester,
M14 6SG, UK

is authorised to use the LPCB mark in association with the
product(s) listed in this certificate and appendix.

EP203/CON Conventional three zone “class A” extinguisher control panel

which has complied with the requirements of the following:

EN 12094-1: 2003

EN 54-2: 1997 + A1: 2006 + A2: 2007

EN 54-4: 1997 + A1: 2002 + A2: 2006

Certificate No: 176c-(cl-2)

Issue Number: 01

Date of Issue: 13 February 2013

Signed for and on behalf of LPCB

W HUNUKUMBURE



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LPCB

Appendix to Certificate

Certificate No: 176c-(cl-2)

Context Plus Ltd

Certified Products

LPCB Ref. No.

EP203/CON Conventional three zone "class A" extinguisher control panel under Context Plus Brand 176c/01

Incorporating the following units:

SPF0000203 Main extinguisher control
SPF0000212 External relay interface
SPF0003613 Power supply unit
SPF0000214 EP214 terminator

Incorporating as modular units:

EP210S Remote Status Unit "Surface Mount" optional (See Note 1)
EP211 Economy Status Unit optional (See Note 1)

Certified with the following options with requirements from EN 12094-1:2003

4.17 Delay of extinguishing signal
4.18 Signal representing the flow of extinguishing agent
4.19 Monitoring of the status of components
4.20 Emergency hold device
4.21 Control of flooding time
4.23 Manual only mode
4.26 Triggering of equipment outside the system
4.27 Emergency abort device
4.30 Activation of alarm devices with different signals

Appendix Issue No: 01

Page: 2 of 3

Date of Issue: 13 February 2013

Signed for and on behalf of LPCB



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Appendix to Certificate

Certificate No: 176c-(cl-2)

Context Plus Ltd

Certified with the following options with requirements from EN 54-2:1997

7.8	Output to fire alarm device(s)
7.11	Delays to the auctioning of outputs fire alarm devices and fire routing equipment
7.13	Alarm counter
10	Test condition

Note:

- 1) Optional Remote Status Unit part No. EP210S & Economy Status Unit part No. EP211 are not certified meeting the requirements of the standards specified
- 2) Meets the requirements of EN12094-3:2003, Class A – i.e. operational temperature range of -5°C to +40°C.

Appendix Issue No: 01

Page: 3 of 3

Date of Issue: 13 February 2013

Signed for and on behalf of LPCB



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UL Certificates.

UROX.S24127 - Smoke Detectors for Fire Alarm Systems

Smoke Detectors for Fire Alarm Systems

CONTEXT PLUS LTD

Progress House
 Newby Industrial Estate
 Newby Road , Hazel Grove.
 Stockport, SK7 5DA United Kingdom

S24127

Investigated To UL 268 (previous editions)

Products Suitable for Ducts, D(I) and D(ST) are investigated to UL 268A

Detector	Compatibility			Velocity Range (fpm)		Date of Manufacture	Time of Manufacture	Firmware Version
				Min	Max			
Model	Application	Type	Restrictions	Min	Max	Manufacture	Firmware Version	Update
55000-226 IMC	OAP	I	D2	0	300	-	-	-
55000-326 IMC (a)	OAP	P	D2	0	300	-	-	-
58000-550IMC	OAP	I	D2	0	300	-	-	-
58000-650IMC	OAP	P	D2	0	300	-	-	-
58000-750IMC	OAP	P(IHD)	D2	0	300	-	-	-

Base Model	Related Detector	Control Unit Compatibility Restrictions
45681-200 IMC	55000-326 IMC, 55000-226 IMC	B2
45681-210IMU	58000-450IMC, 58000-550IMC, 58000-650IMC, 58000-750IMC	B2
45681-242IMC	55000-550, 55000-650, 55000-886, 55000-550, 58000-650, 58000-750	B2
45681-284IMC	55000-550, 55000-650, 55000-886, 55000-450, 58000-450, 58000-550, 58000-650, 58000-750	B2
45681-526IMC	55000-550, 55000-650, 55000-886, 58000-550, 58000-650, 58000-750	B2

Feedback

B2 - For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models indicated on installation wiring diagram for detector (base) and/or control unit.

D2 - For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models indicated on installation wiring diagram for detector (base) and/or control unit.

OAP - Open Area Protection

I - Ionization

P - Photoelectric


IHD - Includes Integral Heat Detector

Date of Manufacture identifies the manufacturing start date of all product models that will use the specific Time of Manufacture Firmware Version. The date of manufacture is noncoded and in the format YEAR (in 4 digits), MONTH (in letters), DAY (in 2 digits).

Time of Manufacture Firmware Version identifies a numerical and/or alphabetic series designation that is product and date-code specific and will only identify the Firmware Version at the time the product was manufactured. The numeric and/or alphabetic sequence is defined by the manufacturer.

Firmware Version Update is a numerical and/or alphabetic sequential identification that is product and date-code specific and sequentially identifies the Firmware Version Update from the previous version of firmware. The numerical and/or alphabetic sequence is defined by the manufacturer.

(a) - Suitable for use in ambient temperatures of 0-60 C (32-140 F).

Trademark and/or Tradename: 

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UQGS.S24128 - Heat-automatic Fire Detectors

Heat-automatic Fire Detectors

See General Information for Heat-automatic Fire Detectors

CONTEXT PLUS LTD

S24128

Progress House
 Newby Industrial Estate
 Newby Road , Hazel Grove.
 Stockport, SK7 5DA UNITED KINGDOM

Model No.	Type	Compatibility Restrictions	Contact Arrangement	Temp Range (°F)	Spacing (Ft)	
					Smooth Ceiling	to Wall or Partition
55000-139 IMC	FT/ROR	D2	-	135	50	25
55000-145 IMC	FT/ROR	D2	-	200	50	25
58000-450IMC	FT/ROR	*1	-	135 (m1)	70	35
				150 (m2 / m3)	70	35
				200 (m4 / m5)	70	35
LHD-105-N	FT, HSC	None	NO	221	15	7.5
LHD-105-P	FT, HSC	None	NO	221	35	17.5
LHD-185-N	FT, HSC	None	NO	-	-	-
LHD-68-N	FT, HSC	None	NO	155	15	7.5
LHD-68-P	FT, HSC	None	NO	155	35	17.5
LHD-88-N	FT, HSC	None	NO	190	15	7.5
LHD-88-P	FT, HSC	None	NO	190	35	17.5

Base Model	Related Detector	Control Unit Compatibility Restrictions
45681-200 IMC	55000-139 IMC, 55000-145-IMC	#1
45681-210IMU	58000-450IMC	#1

D2 - For connection to Listed control units with which compatibility was determined by test or a review of circuit parameters. Interconnection and compatible models indicated on installation wiring diagram for detector (base) and/or control unit.

#1 - For connection to Listed Control units Models ZXa and ZXe, manufactured by Morley IAS, employing software revision greater than 684aU0.

*1 - For connection to Listed Control units Models ZXa and ZXe, manufactured by Morley IAS, employing software revision greater than 684aU0.

FT/ROR - Fixed temperature/rate of rise combination

Feedback

FT - Fixed temperature

HSC - Heat sensitive cable

Note - Complementary Listed as a heat actuated device for special applications (UTHV).

Trademark and/or Tradename: **Context**
plus

Last Updated on 2019-05-10

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***Certificate of
Origin.***

1 Consignor IMCI Services Limited Progress House, Newby Road, Hazel Grove, Stockport SK7 5DA England United Kingdom <small>Tel No 0161 257 2541 Fax No 0161 225 8817</small>	No. FJ 1397817	ORIGINAL
2 Consignee Azeidk Establishment for Safety Kilo 5 Old Makkah Road Jeddah SAUDI ARABIA	UNITED KINGDOM CERTIFICATE OF ORIGIN	
4 Transport details (Optional)	3 Country of Origin United Kingdom 5 Remarks	

6 Item number; marks; numbers, number and kind of packages; description of goods APO 13446 A/Jeddah/ SAUDI ARABIA FIRE ALARM COMPONENT 3 x Pallets As per Invoice Number CI-APO 13446 A dated 20/10/2022	7 Quantity Total Gross: 503 KG
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8 THE UNDERSIGNED AUTHORITY CERTIFIES THAT THE GOODS DESCRIBED ABOVE ORIGINATE IN THE COUNTRY SHOWN IN BOX 3


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**Greater Manchester Chamber
of Commerce**

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22 Nov 2022
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