

Context Plus



COMPLETE RANGE OF UL LISTED INTELLIGENT FIRE DETECTORS FULLY COMPATIBLE WITH CONTEXT PLUS ANALOGUE ADDRESSABLE FIRE PANELS

Context UL-PLUS is a range of high-specification, UL Listed analogue addressable fire detectors developed to meet the requirements of sophisticated systems while providing engineers with an additional dimension in fire protection capability. Context UL-PLUS gives you total reassurance in installations where adaptability to changing conditions and protection against unwanted alarms are paramount



OPTICAL SMOKE DETECTOR

The Context UL-PLUS optical smoke detector is suitable for slow burning or smouldering fires and should be positioned where these are most likely to occur.

They can be set to a sensitivity mode best suited for the application.

Part No. 58000-650IMC



IONISATION SMOKE DETECTOR

Ionisation detectors use a low activity radioactive foil to detect fires by irradiating the air in the smoke chambers and causing a current flow. If smoke enters the chamber, the current flow is reduced leading to an alarm. It is a good general purpose detector that responds well to fast burning, flaming fires.

Part No. 58000-550IMC



HEAT DETECTOR

The Context UL-PLUS heat detector, distinguishable by the low airflow resistant case, uses a single thermistor to sense the air temperature around the detector. This type of detector is particularly useful where the environment is dirty or smoky under normal conditions.

Part No. 58000-450IMC

UL LISTED INTELLIGENT FIRE DETECTORS



MULTISENSOR DETECTOR

The Context UL-PLUS multisensor detector comprises optical smoke and thermistor temperature sensors whose outputs can be reported individually. It is therefore possible, as a panel enabled feature, to check separately the rise in temperature and the level of smoke for improved false alarm management.

Part No. 58000-750IMC



XPERT CARD AND BASE

The Xpert Card simplifies and speeds up the installation and commissioning.



E-Z Fit Base



Context UL-PLUS Common Mounting Base
Part No. 45681-210IMU



Context UL-PLUS Isolating Base

DRIFT COMPENSATION

All Context UL-PLUS smoke detectors include compensation for sensor drift caused, for example, by dust in the chamber, and will hold the sensitivity at a constant level even with severe chamber contamination.

SENSITIVITY SELECTION

Each detector in the Context UL-PLUS range can operate in one of five response modes, which can be selected from the control panel. Mode selection depends on application – Mode 1 will give a higher sensitivity to fire than Mode 5. See table below for more information.

Context UL-PLUS RESPONSE MODE SELECTION GRID

	Cleanroom EDP Suite					Hotel room; Studio apartment; Small flat (<50m ³)					Office Long corridor; hospital ward; light industrial factory					Warehouse; Bar					Loading bay; Car park					Kitchen; Laundry (enclosed and ventilated)					Boiler room									
Mode	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5					
MULTI	■							■	■				■	■				■	■	■			■	■	■			■	■				■	■				■	■	
OPTICAL								■	■	■			■	■	■			■	■	■			■	■	■			■	■				■	■				■	■	
ION								■	■	■			■	■	■			■	■	■			■	■	■			■	■				■	■				■	■	
CO								■	■	■			■	■	■			■	■	■			■	■	■			■	■				■	■				■	■	
HEAT								■	■	■			■	■	■			■	■	■			■	■	■			■	■				■	■				■	■	

KEY: ■ Recommended ■ Suitable ■ Suitable as supplement

- 5 RESPONSE MODES ● USER PROGRAMMABLE ● DRIFT COMPENSATION ●
- REJECTION OF TRANSIENT SIGNALS ● FLASHING LED ●



**UL LISTED
POLYCARBONATE
DUAL ACTION
ADDRESSABLE MANUAL
PULL STATION**



Polycarbonate Addressable Manual Pull Station & Back Box

FUNCTION

The Polycarbonate Addressable Manual Pull Station (PAMPS) is a state-of-the-art, dual-action device (i.e., requires two motions to activate) that includes an addressable interface for Context Plus compatible analogue addressable fire alarm panels. Because the PAMPS is addressable, the control panel can display the exact location of the activated station. This leads fire personnel quickly to the location of the alarm.

PART NUMBER:	DESCRIPTION:
56000-005IMC	Dual Action Manual Pull Station
56000-006IMC	Polycarbonate Surface Back Box

- Maintenance personnel can open station for inspection and address setting without causing an alarm condition.
- Status LED (red) is visible through the face of the station, flashes in normal operation and latches steady when in alarm. Flashing when polled is controlled by the panel.
- The "PUSH" handle latches in down position, revealing a yellow stripe to clearly indicate the station has been operated.
- Sems terminal screws are wire-ready for easy connection to SLC loop (accepts up to 12AWG/3.25 mm² wire).
- Can be surface mounted (using Back Box Part No. 56000-006IMC) or semi flush mounted. Semi-flush mounts to a standard single gang electrical box.
- Highly visible, attractive shape and textured finish with smooth dual-action design.
- Meets ADAAG controls and operating mechanisms guidelines (Section 4.1.3[13]); meets ADA requirements for 5lb. maximum activation force.
- Key reset
- Meets UL 38, Standard for Manually Actuated Signaling Boxes.

TECHNICAL DATA

Operating Voltage	17- 28 VDC
UL Listed to:	20 - 28 VDC
<i>Current Consumption at 24V</i>	
Standby	200µA
Alarm Current	3.6mA + Quiescent

DIMENSIONS

56000-005IMC Pull Station
4.25" W x 5.5" H x 1.1" D
(108mm x 140mm x 28mm)

56000-006IMC Surface Back Box
4.25" W x 5.5" H x 1.75" D
(108mm x 140mm x 45mm)

WEIGHT

Pull Station	.44 lbs (0.2 kg)
Pull Station and Back box	.72 lbs (0.33 kg)



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