XP95® Manual Call Point

FUNCTION
The XP95 Manual Call point has been designed to operate on a loop of intelligent fire detection devices and when activated interrupts the polling cycle for a very fast response.

The XP95 Manual Call Point is intended for indoor applications and is available in two versions, with and without a short circuit isolator.

FEATURES
The XP95 Manual Call Points come complete with the following key features:

- Resettable operating element

- Easy access, front reset mechanism

- Front facing addressing

- E-Z fit connector system for installation

- Ergonomic reset key and keyring hole

- EN54-11 Certified

- 170° viewable LED

- Continunity link for cable insulation testing

- Suitable for flush or surface mounting

Part no 55200-905 - XP95 Manual Call Point

PROTOCOL COMPATIBILITY
The XP95 Manual Call Point will operate only with control equipment using the Apollo digital protocol.

ELECTRICAL CONSIDERATION
The XP95 Manual Call Point is loop powered and operates at 17-28V DC for all variants.

MECHANICAL CONSTRUCTION
The component parts of the call point are moulded in a robust fire retardant polycarbonate.

INVESTOR IN PEOPLE

A HALMA COMPANY

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Assessed to ISO 9001:2008
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OPERATING PRINCIPLES

The address of each call point is set at the commissioning stage by means of a seven-segment DIL switch. The address switch is accessible without removing the call point from the mounting surface.
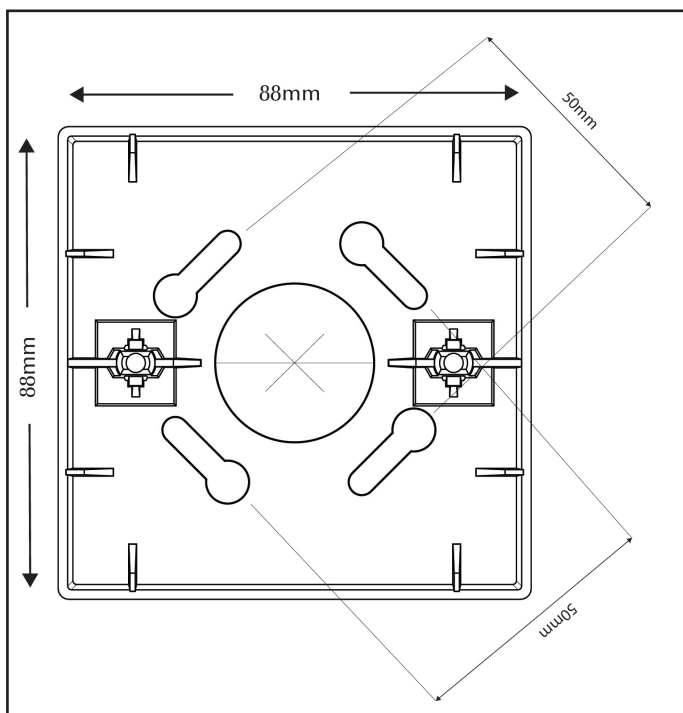
A red alarm LED is provided on the call point. This LED is controlled independently of the call point, by the control panel.

Once activated, the XP95 Manual Call Point can be reset by inserting the reset key into the front facing LED, turning clockwise until a positive click and reset occurs.

The isolated version of the XP95 Manual Call Point incorporates a short circuit isolator which will ensure its operation in the event of a short circuit fault on the loop. Isolator operation is indicated by a yellow LED. For further details of the isolator refer to data sheet PP2090, available on request.

This Manual Call Point helps reduce installation time as all the initial installation cabling is wired to a removable terminal block which fits neatly in the back of the Call Point.

DIMENSIONAL DRAWING

TECHNICAL DATA

Supply voltage	17-28V DC
Communications Protocol	5 - 9V Peak to Peak
Operating temperature	-20°C to +70°C
Humidity (no condensation)	0-95%RH
IP rating	45
Current Consumption (max) at 24V DC	
Power Up Surge (1s typical)	1mA
Quiescent	100µA
Alarm current (LED On)	4mA

Complies with EMC Directive 2004/108/EC
Red version complies with EN54–11:2001
EN54-17:2005 (Isolated version)

EMC DIRECTIVE 2004/108/EC

The Manual Call Point complies with the essential requirements of the EMC Directive 2004/108/EC, provided that it is used as described in this data sheet.

A copy of the Declaration of Conformity is available from Apollo on request.

Conformity of the Manual Call Point with the EMC Directive does not confer compliance with the directive on any apparatus or systems connected to it.

CONSTRUCTION PRODUCTS DIRECTIVE 89/106/EEC

The Manual Call Point complies with the essential requirements of the Construction Products Directive 89/106/EEC.

DIMENSIONS AND WEIGHT

Part no.	Description	Dimensions & Weight
55200-905	XP95 Manual Call Point	88mm x 88mm x 59mm 180g
55200-908	XP95 Manual Call Point with Isolator	88mm x 88mm x 59mm 180g

PROTOCOL USAGE

Output Bits	
2	Switch on Integral Red LED
1	Electronic Self Test
0	Not Used

Interrupt	Yes

Analogue Value	
16	Quiescent
64	Alarm

Input Bits	
2	LED Confirmed
1	0=Alarm 1=Quiescent
0	1=Alarm 0=Quiescent

Flag Setting	
XP95 Flag	Yes
Alarm Flag	No

Analogue Value (Counts)

64
55
16
8
0

Call Point Activation

Quiescent   0 for 8 consecutive   Alarm
address cycles

Response Characteristics - XP95 Manual Call Point