

Intelligent Manual Call Point

Features

- Suitable for Flush or Surface Mount Applications
- Plug E-Z Fit Connector
- Easy Access
- Front Reset Mechanism
- 170° viewable LED
- Ergonomic Reset Key
- Integral Short Circuit Isolator
- Continuity Link for Cable Insulation Testing

Description

The Intelligent Manual Call Point is intended for indoor applications.

The Intelligent Manual Call Point has been designed to operate on a loop of intelligent fire detection devices and incorporates a loop short circuit isolator. An alarm is initiated by pressing the resettable element. The manual call point signals to the Ampac fire control panel using an interrupt feature within the digital protocol.

An alarm status is indicated through the rotation of the resettable element, displaying yellow and black indication bars and a solid red LED. The manual call point can be easily reset from the front using the reset key supplied.

Operating Principles

The address of each call point is set at commissioning stage by means of integral DIL switch.

A solid red alarm LED is provided on the manual call point. This LED is controlled independently of the call point by the Ampac fire control panel. When configured as a Discovery device, the LED will flash yellow if there is a fault and flash green when the device is polled. Once activated, the Intelligent 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 red LED will remain on and the fire control panel will latch in alarm until reset.

The Intelligent Manual Call Point incorporates a short circuit isolator which will ensure its operation in the event of a short circuit fault on the detection loop cabling. The isolator operation is indicated by a solid yellow LED.

Installation time is reduced by use of a removable terminal block which fits neatly into the back of the manual call point.

To comply with NZS 4512:2021 the transparent hinged protective cover shall be fitted along with the method of operation notice.



Intelligent Manual Call Point

Specifications

Supply Voltage	17 - 28V DC
Protocol	XP95, Discovery
Power Up Surge (1s typical)	1mA
Quiescent Current	100µA at 24V DC
Alarm Current	4mA at 24V DC
Operating Temperature	-40°C to +70°C
Humidity	0 – 95% RH non-condensing
IP Rating	44 (indoor use)
Dimensions (mm)	90 H x 90 W x 63 D
Weight	180g

Item Numbers

SA5900-908AMP	Intelligent Manual Call Point with Isolator
44251-175	Transparent Protective Cover
CP200	Operation Notice