

FSM500K(HK)-ISO FSM500K(HK)-NL-ISO

Addressable Manual Call Point



Intelligent/ Addressable Devices

General

The Notifier FSM500K(HK)-ISO and FSM500K(HK)-NL-ISO are state-of-the-art resettable Manual Call Point (MCP) that includes Flashscan™ addressable interface to be connected with any Notifier ONYX® intelligent Fire Alarm Control Panel (FACP) as a component of a Fire Control System which using Notifier analogue addressable devices.

The FSM500K(HK)-ISO and FSM500K(HK)-NL-ISO provide both signaling of an alarm to the Fire Indicator Panel and local LED indication of activation. The MCP integrates isolator functionality. It is a dedicating addressable MCP for installation on the two-wire communication circuit. When fire being detected, an alarm signal will be transmitted to control panel after pressing the operation board down and at the same time, the LED on the call point will show the system in alarm status. The integrated Isolator enable part of the communications loop to continue operating when a short circuit occurs on it. The Isolator will automatically restore the entire communications loop to the normal condition when the short circuit is removed.

The upgraded resettable button design allows repeatable operation which reduces total cost of ownership to users. Rotary decade switches are provided for setting the devices address on the two wire communications loop. The addressability of the FSM500K series MCP enables the control panel to provide fire fighters with a pinpoint location of where the alarm activation originated from. The FSM500K series MCP requires compatible addressable communications to function properly. The MCP will support either Flashscan™ or CLIP (Classic Loop Interface Protocol) modes.

Specification

Operating Voltage: 15 ~ 32VDC

Operating Temperature: 32°F to 20°F (0°C to 49°C)

Operating Humidity: 10% to 93% RH, Non-condensing

Standby Current: 470µA @ 24VDC

Alarm Current: <2.5mA @ 24VDC, LED on
(LED Rating Max. 30mA)

Dimensions: 86.5mm (L) x 86.5mm (W) x 34mm (D) with base

Weight: 125 g (with base)

Isolator Electrical Ratings

Maximum Current Draw: 17mA(device in isolation)

Maximum Load Current: 1A

Maximum ON Resistance: 80mΩ @24VDC

Terminal Range: 2 x 12 AWG solid ~ 24 AWG solid

Enclosure Material: Fire-Resistant and Corrosion-Resistant

Terminal Material: Non-Deteriorating Alloy



FSM500K(HK)-ISO



FSM500K(HK)-NL-ISO

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Product Information

A key is included in the individual pack, which is for product removal and button position reset.

The upgraded FSM500K series MCP design offers a separate MCP installation base B500CP, which makes installation and wiring much easier and leads to a much better user experience.

The B500CP installation base is NOT included in the MCP package, which is a separate model for ordering.

The upgraded FSM500K series MCP provides better tampering protection and wall mount solutions too. Transparent protection cover TPC-T and improved deeper back box with 3 knock-out holes BBS-2 are now added to the MCP family.

Agency Listing and Approval

UL Listed: S692

Ordering Information



MCP Back View



B500CP



TPC-T



BBS-2

Model #	Product description	Package Qty
FSM500K(HK)-ISO	Notifier Flashscan addressable call point, call point only, with isolator, need to order installation base B500CP	ea.
FSM500K(HK)-NL-ISO	Manual call point with built-in isolator, notifier, flashscan, phone jack, ul approval, TC & English, need B500CP installation base	ea.
B500CP	MCP installation base (ea.)	multiple of 10
TPC-T	Tampering resistance cover, transparent (ea.)	multiple of 10
BBS-2	MCP wall mounting back box (ea.)	multiple of 10

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