ISO9001

NFC-500MCP / NFC-500MCPX

CONVENTIONAL MANUAL CALL POINT SERIES
INSTALLATION GUIDE

FEATURES

√ Quick fire alarm transfer.
√ Durable Design.
√ High performance at low cost.
√ East operation-push to activate.
√ Easy to install.
√ With protective cover (NFC-500MCPX).
√ Suitable for indoor use.
√ Screw terminals for wiring connections.
√ Designed for fast and easy installation.
√ Requires a special key to reset the call point.

DESCRIPTION

NFC-500MCP / NFC-500MCPX Manual Call Points are critical devices in fire alarm systems and are subject to strict regulations and standards to ensure their effectiveness in emergency situations.These standards govern everything from their design and installation to testing and maintenance, ensuring that MCPs function reliably when needed. These call points satisfies

the requirements for a manual fire alarm initiating device. With its sleek and double design. It is easily observed yet does not hinder with building design and can be fitted along corridors, hallways and exits for easy access to operate in cases where there is a requirement for activating an alarm signal.

NEVERFIRE MCP's are resettable manual call points unique and innovative features. They have been designed to obtain maximum visibility, high reliability in operation and pleasant aesthetical appearance and they design widely applies to all kinds of industrial and commercial constructions with its high resistance to humidity, wide operating temperature range, high reliability and ease of installation.

NFC-500MCP\ NFC-500MCPX Manual call points has been designed to EN54-11.

TECHNICAL DATA

MODEL NUMBER	NFC-500MCP	NFC-500MCPX
Operation	Single Action	Dual Action
Operating Voltage	24VDC (16VDC – 28VDC)	
Standby Current	0mA	
Alarm Current	≤ 30mA	
Type of initiating Part	Reusable	
Initiating Mode	Pressing the operating element manually	Lift the cover then Pressing the operating element manually
Reset Mode	Rest by a special key	
Fire Alarm Indicator	Red. It is off normally and illuminates under fire condition	
Wiring	Two – wire	
Weight	125g	130g
IP Rating	IP43	
Dimension	88W x88H x50D mm	
Material	ABS (Fire Proof Plastic)	
Color	Red	
Type	Indoor	
Operating Temperature	-10ºC ~+55ºC	
Storage Temperature	0ºC - 60ºC	
Relative Humidity	≤95% non-condernsing	
Packaging	90Unit\Carton	
Carton Dimensions	55*33*38cm	

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WIRING DIAGRAM

3.9K Resistor

-IN − − + + +IN

-OUT +OUT

PRODUCT DETAILS

Operating Element Cover (NFC-500MCPX) · Head Unit · Operating Element · Mounting Bracket · Back Box

INSTALLATION

- Reset call point surface mounting back box
- (1) Surface Mounting
- Wall Plate
- (2) Bracket Mounting
- Head Unit
- Operating Element
- (3) Head Mounting
- Operating element cover (NFC-500MCPX)
- Reset key (1pc)
- Screw 3mm (4pcs)
- Screw 3mm (2pcs)
- Screw 3mm (4pcs)

OPERATION

Operation

A

B — RESET PLASTIC ELEMENT

C
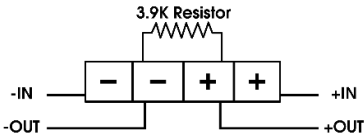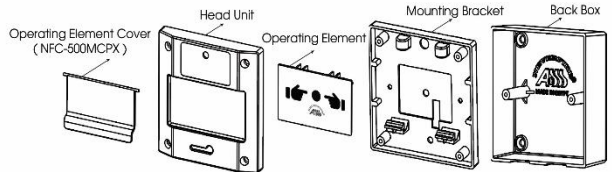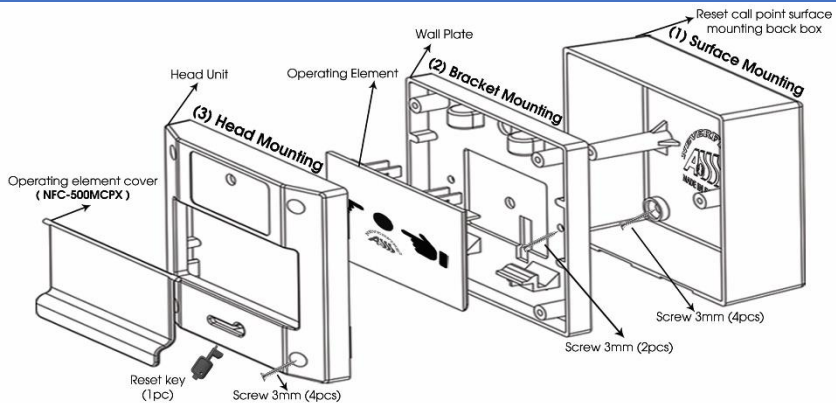
NFC-500MCP, this Single Action call point use a push-button mechanism to trigger the alarm, Pushing the button sends a signal directly to the fire alarm system, Its Simple to use and often less expensive than other types while NFC-500MCPX Dual Action require two separate actions to activate the alarm, reducing the chances of accidental triggers, the user must lift the cover before pressing the operating element, here we summarize the reset operation process for NEVERFIRE Manual Call Points:

(1) Insert key into reset barrel.   **(2)** turn key clockwise.
(3) the flag retracts.   **(4)** operating element springs forward.

Each type of manual call point offers distinct advantages depending on the specific environment and safety requirements. Although break glass models are widely used for their simplicity, the resettable versions is favored for easy of maintenance and reusability. Key-operated and double action call points provide added security, making them ideal for areas prone to misuse or accidental activation.
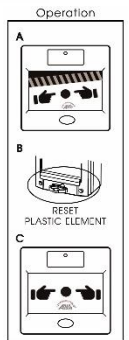
1. LED Illuminates red when manual call point is pressed.
2. Use suitable cable glands for required Ingress Protection Rating.
3. For additional protection against accidental operation, you can use Transparent Hinged cover.