

# NFF-600MR/NFF-600AS

## EMERGENCY RELEASE/ABORT SWITCH

### PRODUCT OVERVIEW

#### MODEL: NFF-600MR / NFF-600AS

manual release station and Abort switch are two important components for fire alarm system, almost each completely system will need them. The emergency release allow users to manually stop the activation of an emergency system if necessary. This can be particularly useful in situations where the automatic system activates but intervention is needed to prevent unnecessary or potentially dangerous actions.

The Abort Switch is used to momentarily interrupt the release circuit signal when the control unit is in the alarm condition.

As long as the abort is held in, the fire suppression system will not release. When the abort is released, the released circuit is activated (unless the control unit has been reset to the non-alarm condition).

### DESCRIPTION

Both manual release and abort switch are components of the fire alarm system, which are needed to connect with the fire alarm control panel, and are used for gas fire suppression systems, such as FM200, Carbon dioxide, and aerosol, to manually start the fire suppression system we will need the "manual release", to manually stop the fire suppression system we will need the "abort switch"; any of them have their function. NFF-600MR manual release is connected to the fire release panel, there is one connector (No.). NFF-600AS also needs to connect with the fire release panel, It is used to momentarily interrupt the release circuit signal when the control panel is in the alarm condition, main specifications. these emergency release and abort switch have been designed to EN54-11, NEVERFIRE approved for ISO9001:2015<sup>(1)</sup> Quality management systems and requirements, which is global standard for trusted goods and services, and CE QACE202401069<sup>(1)</sup> which play a vital role in ensuring that NEVERFIRE products placed on the market of the world are safe.

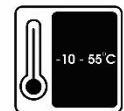
### FEATURES

- ✓ Quick fire alarm transfer.
- ✓ High performance at low cost.
- ✓ Easy to install.
- ✓ Suitable for indoor use
- ✓ Screw terminals for wiring connections.
- ✓ Designed for fast and easy installation.
- ✓ Requires a special key to reset the abort Switch and manual release.
- ✓ Durable Design.
- ✓ East operation-push to activate.
- ✓ With protective cover.



**NFF-600MR**  
Dual Action

**NFF-600AS**  
Dual Action



| NEVERFIRE APPROVALS     |                  | COMPLIANCE |
|-------------------------|------------------|------------|
| ISO 9001:2015 CERTIFIED | CE QACE202401069 | EN54-11    |



(1) you can view & download these certificates from ASSS website [www.asss-eg.com](http://www.asss-eg.com)

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**AL ALAMIA FOR SAFETY & SECURITY SYSTEMS COM. (ASSS)**

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ISO9001

CE QACE202401069

# NFF-600MR/NFF-600AS

## EMERGENCY RELEASE/ABORT SWITCH

### TECHNICAL SPECIFICATIONS

| Model                   | NFF-600MR  | NFF-600AS                |
|-------------------------|--|--------------------------|
| Operation               | Dual Action emergency release                                | Dual Action abort switch |
| Operating Voltage       | 24VDC (16VDC – 28VDC)  |                          |
| Standby Current         | 0mA  |                          |
| Alarm Current           | ≤ 30mA   |                          |
| Type of initiating Part | Reusable   |                          |
| Initiating Mode         | 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   |                          |

### OPERATING CONDITION

|                       |                     |
|-----------------------|---------------------|
| Type                  | Indoor              |
| Operating Temperature | 0°C ~+55°C          |
| Storage Temperature   | -10°C - 60°C        |
| Relative Humidity     | ≤95% non-condensing |

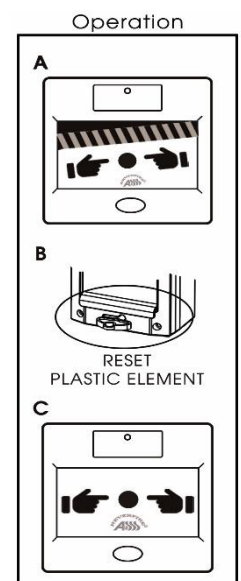
### MECHANICAL SPECIFICATIONS

|                           |                            |        |
|---------------------------|----------------------------|--------|
| Weight                    | 130g                       |        |
| Ingress Protection Rating | IP43                       |        |
| Dimension                 | 88W x88H x50D mm           |        |
| Material                  | ABS ( Fire Proof Plastic ) |        |
| Color                     | Green                      | Yellow |
| Packaging                 | 90Unit\Carton              |        |
| Carton Dimensions         | 55*33*38cm                 |        |

### OPERATION

NFF-600MR and NFF-600AS , These Dual Action devices 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 operation process for both devices as the following :

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



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FIRE DETECTION SYSTEM

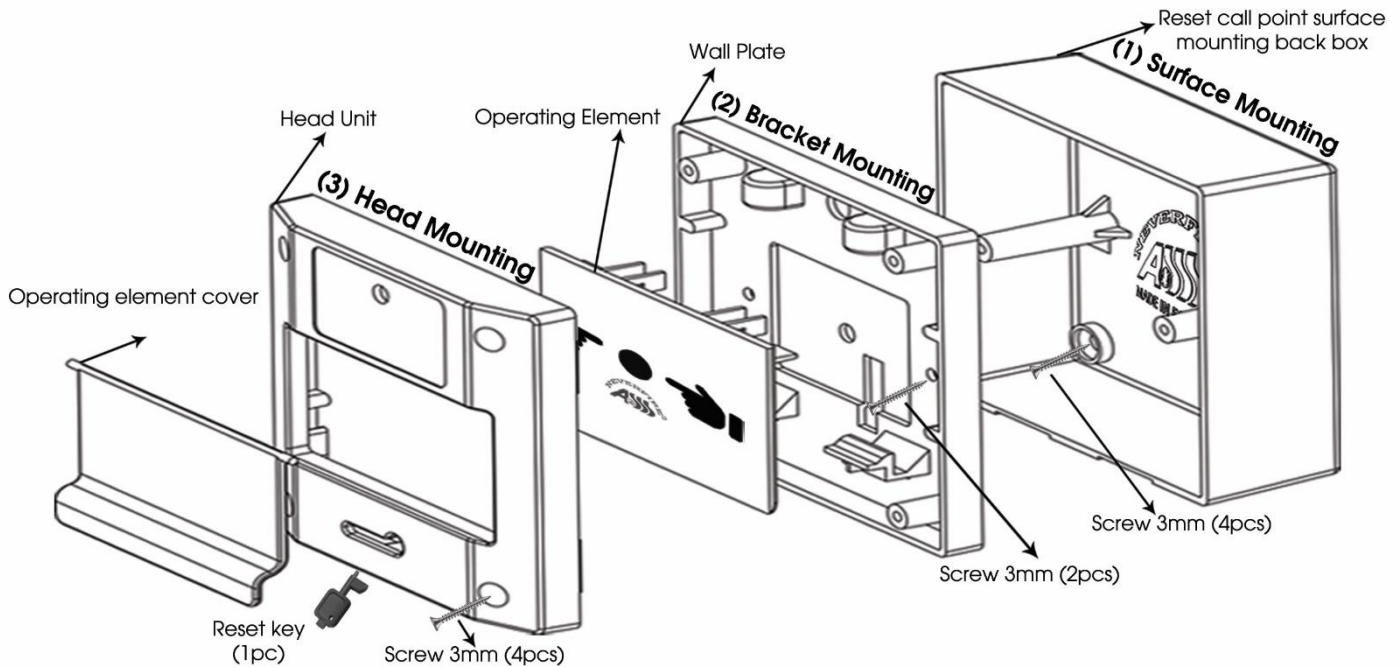
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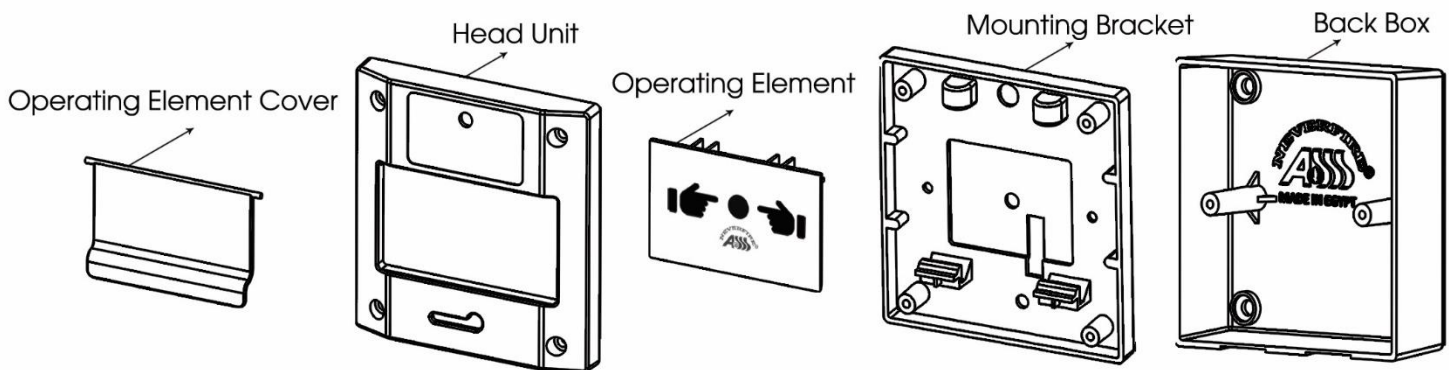
# NFF-600MR/NFF-600AS

## EMERGENCY RELEASE/ABORT SWITCH

### INSTALLATION



### PRODUCT DETAILS



### WARRANTY

NEVERFIRE warrants that product from defects in design, materials and workmanship during the warranty period ensuring customers' confidence in product quality and performance.

For comprehensive information, including installation guidelines and compatibility details, please consult NEVERFIRE Installation Manual or reach out to our technical support team. Anybody, including the agents, distributors or employees, is not in the position to amend the contents of this warranty.



0-LED Illuminates red when manual call point is pressed.

1-Use suitable cable glands for required Ingress Protection Rating.

2-For additional protection against accidental operation, you can use Transparent Hinged cover.

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