ISO9001 CE QACE202401069

NFC-508P
LCD FIRE ALARM CONTROL PANEL
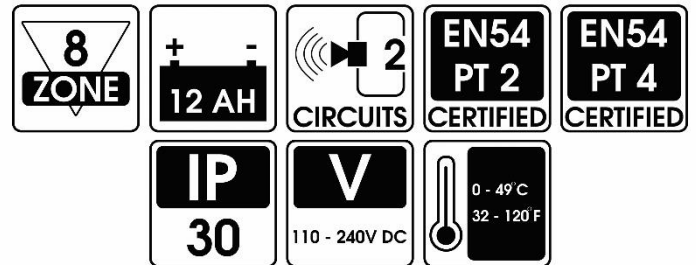
NEVERFIRE ASSS®
FIRE DETECTION SYSTEM

NFC-508P 8 ZONE CONVENTIONAL FIRE ALARM CONTROL PANEL

PRODUCT OVERVIEW

NEVERFIRE conventional fire alarm system is the ideal choice for protecting commercial buildings, small places like small enterprises, small schools, specialty stores, restaurants, and apartments, Although there are more technology developing systems like addressable system, wireless system, etc. NEVERFIRE conventional fire alarm system protects buildings' safety by dividing them into different zones and keeping an eye on them one by one. It works with a series of detecting devices and alarm devices, giving warning alarm to alert the nearby residents or rescuers. NEVERFIRE Conventional fire alarm system is simple to install, economical & can be compatible with other manufacturers' equipment Also, it doesn't have complicated wiring, just follow the wiring instruction, people that are not professionals can also finish the installing wiring quickly.

NEVERFIRE panels has been designed to EN54 part 2 and part 4.

NFC-508P certified CE QACE20241069 [1] which play a vital role in ensuring that NEVERFIRE products placed on the market of the world are safe. And certified ISO9001:2015[1] Quality management systems and requirements, which is global standard for trusted goods and services.

8 ZONE | **+ - 12 AH** | **2 CIRCUITS** | **EN54 PT 2 CERTIFIED** | **EN54 PT 4 CERTIFIED**

IP 30 | **V 110 - 240V DC** | **0 - 49°C 32 - 120°F**

FIRE ALARM PANEL NFC-508P

User Friendly KeyPad

PRODUCT COMPLIANCE

EN54 PART 2 | **EN54 PART 4**

NEVERFIRE APPROVALS

ISO 9001:2015 CERTIFIED | **CE QACE202401069**

DESCRIPTION

NFC-508P panel is Microprocessor based Conventional Fire Alarm Control Panel which has 8 zones, These control panel designed for small to medium commercial, residential, multi-family, institutional and industrial occupancies. NEVERFIRE conventional control panels are available with 2,4&8 initiating circuits which may be extensively configured Via a simple front panel operated programming method. They are Compatible with conventional detectors, manual call points and normally open dry contact devices.

MIDDLE EAST
MADE IN EGYPT
AFRICA

(1) you can view & download these certificates from ASSS website www.asss-eg.com

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STANDARD FEATURES

√ Eight initiating circuits.

√ 16x2 dot matrix LCD display.

√ Lamp test facility.

√ Access via password – removes problem of lost keys.

√ 2 Class B notification appliance circuits (NAC).

√ All zones accept all types of conventional detectors and normal open contact devices.

√ Auto Signal Silence.

√ System ON indication.

√ Surface Mount Technology.

√ NAC shall be programmed as silenceable or non-silenceable

√ Over All current consumption is low.

√ Resettable\ Steady 24VDC Output.

√ Form C relays for fire and fault.

√ Earth fault annunciation facility at 0 ohms.

√ Standby (Battery) backup 24VDC power supply with built in charger (charging current 0.5A max)

√ Operates on 100-240VAC, 50\60Hz, AC mains 5A Din Rail power supply.

√ Maximum battery size 12Ah.

√ Auto Resettable Fuse.

√ Battery polarity reversible protection.

√ Battery low visual warning with audible tone.

MOUNTING DETAILS

AL ALAMIA FOR SAFETY & SECURITY SYSTEMS COM. (ASSS)
Factory: 16C,south industrial Zone,10th of Ramadan City, Sharkyia, Egypt.
Administration: No.6, 163 St, Behind the military hospital, El Maadi, Cairo, Egypt.
TEL.: +2 02 25249113   **FAX.:** +2 02 25281778   **MOBILE:** +2 01129277269
E-Mail: info@asss-eg.com   **WWW.ASSS-EG.COM**

ASSS FACTORY is the first manufacture for fire alarm system in Africa & middle east.

The com. established since 2011 located in cairo governorate while the factory located in Sharkyia governorate.
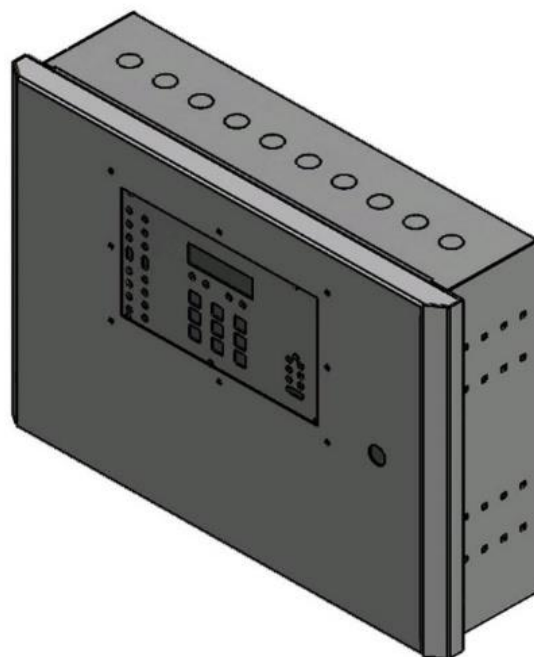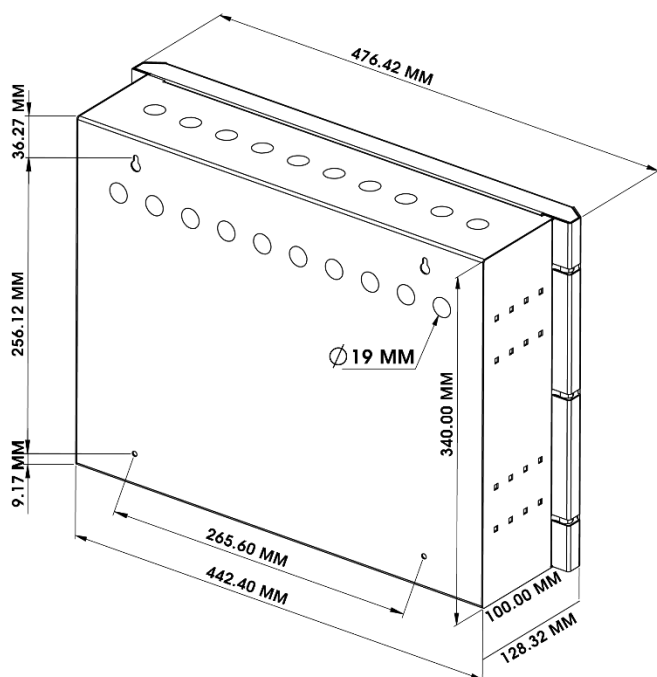
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LCD FIRE ALARM CONTROL PANEL

NEVERFIRE
ASSS®
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TECHNICAL SPECIFICATIONS	
ELECTRICAL SPECIFICATIONS	
MODEL NUMBER	NFC-508P.
Supply Voltage	100-240VAC± 10%, 50Hz.
System Voltage	24V DC (Nominal) 5A.
Zone Voltage	21V DC (Nominal).
AC Supply Fuse	5 Amp 250V 20mm.
Fault Relay	1 x Volt Free Relay, SELV@1A Max.
Fire Relay	1 x Volt Free Relay, SELV @1A Max.
Battery cut off	Battery voltage less than 20V.
Maximum battery Space	2 x 12 Ah, 12 Vdc sealed lead acid.
NAC Rating	0.5A per Circuit 1A Total.
Detection Zone Current	1.6mA.
Detection Zone EOL Resistor	3k9 5%, 1\4watt.
NAC EOL Resistor	3K9 5%, 1\4watt.
Cable Capacity	14 AWG.
OPERATING CONDITION	
Operating Temperature	0 - 49ºC \ 32 - 120ºF.
Storage Temperature	0ºC - 60ºC.
Relative Humidity	93 ± 2% RH (non-condensing) at 32±2ºC \ 90±3ºF.
MECHANICAL SPECIFICATIONS	
Cable Entry	10x⌀19mm Knockout on top of the cabinet. 10x⌀19mm Knockout on backside of the cabinet.
IP Rating	IP30.
Dimensions	476.42W x340H x128.32D mm.
Construction	1.22 mm ASTM A36 with powder-coated finish.
Color	Grey.
Weight	7Kg (Excluding Batteries).
Carton Dimensions	520*365*160 mm.

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.