

NFC-502P

LCD FIRE ALARM CONTROL PANEL

NFC-502P 2 ZONE CONVENTIONAL FIRE ALARM CONTROL PANEL

PRODUCT OVERVIEW

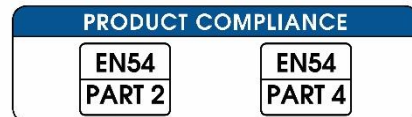
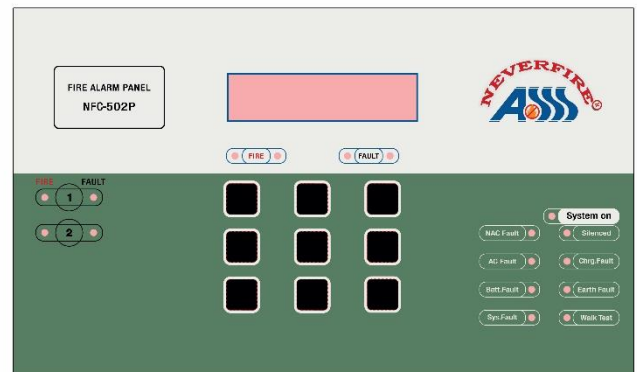
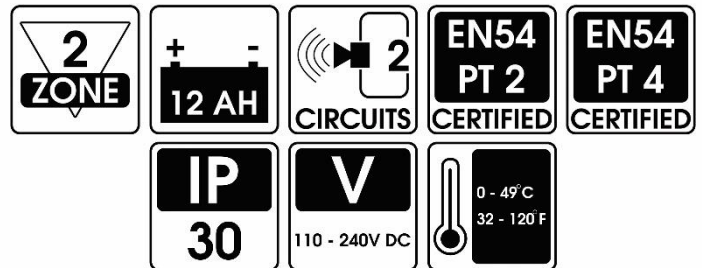
NEVERFIRE conventional fire alarm system is the ideal choice for protecting commercial buildings, small places like small enterprises, small schools, specialty stores, restaurants, and apartments. Although there are more technology developing systems like addressable system, wireless system, etc. NEVERFIRE 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 EN54 part 4.

NFC-502P certified CE QACE20241069⁽¹⁾ which play a vital role in ensuring that NEVERFIRE products placed on the market of the world are safe. NFC-502P certified ISO9001:2015⁽¹⁾ Quality management systems and requirements, which is global standard for trusted goods and services.

DESCRIPTION

NFC-502P panel is Microprocessor based Conventional Fire Alarm Control Panel which has 2 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.



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



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Page: 1 of 3

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

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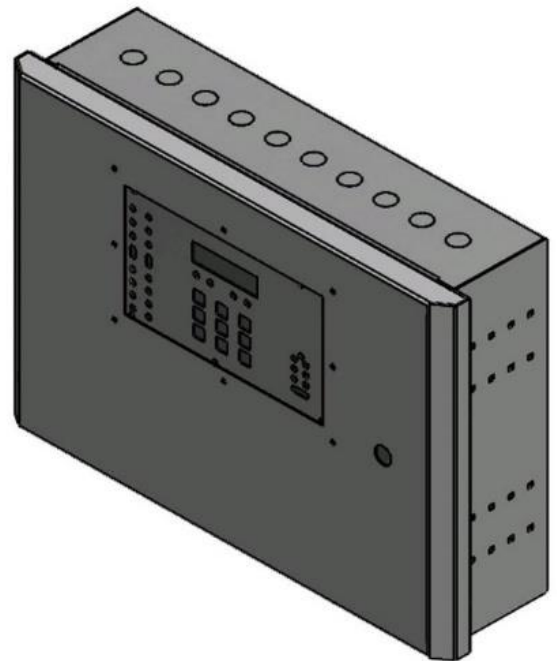
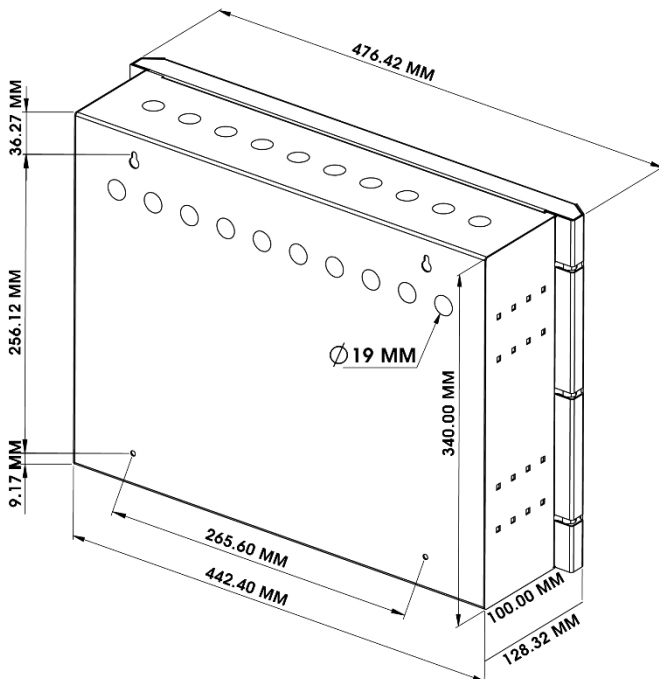
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STANDARD FEATURES

√ Two 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



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TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

MODEL NUMBER	NFC-502P.
Supply Voltage	100-240VAC \pm 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.
Zone Capacity	25 devices per zone.
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 - 49°C \ 32 - 120°F.
Storage Temperature	0°C - 60°C.
Relative Humidity	93 \pm 2% RH (non-condensing) at 32 \pm 2°C \ 90 \pm 3°F.

MECHANICAL SPECIFICATIONS

Cable Entry	10x ϕ 19mm Knockout on top of the cabinet. 10x ϕ 19mm Knockout on backside of the cabinet.
Ingress Protection Rating	IP30.
Dimensions	476.42W x 340H x 128.32D 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.

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