NC-PF8-MB

Conventional Fire Panel - PCB - 8 Zone

Overview

1X fire control panels offer state of the art architecture in configurations that deliver an uncomplicated solution for small to mid-sized conventional applications. They feature an attractive contemporary design that fits with any decor. The gently curved door front offers a distinctive flair. Operator controls are inset in a striking black lexan.

With support for multiple lines of conventional detectors and accessories, these quick-to-configure systems offer versatility that benefits building owners and installation/maintenance companies alike.

The Panel

The 1X-F8 is a conventional fire alarm control panel. It is supplied in local language with 8 zones that support up to 32 devices per zone, as well as up to 4 supervised relay outputs dedicated to sounder control and fire routing. In addition 2 conventional relay outputs dedicated to common fire and fault conditions, as well as two user configurable inputs for monitoring and control are available.

Options

The panels support 2 types of auxiliary relay boards, one with 4 standard relays, and one with 4 supervised relays. With these boards the panel outputs may be expanded with up to 16 additional outputs.

Approvals & Compliance

The product line carries the following accreditations:

• EN54:2, EN54:4 and CE approved
• CPD certified
• NEN2535, NBNS21-100 and BS5839-1 compliant

• WEEE compliant
• RoHS compliant

Type class conditions: 3K5 of IEC 60721-3-3

Détails

- Modern, elegant design
- Easy removable parts for quick and clean installation
- Default regional setup modes
- Normal, head-out & intrinsically safe zone support
- Supervised alarm notification & fire protection outputs
- EN54 compliant potential free fire & fault relays
- Class change, day/night, remote reset, extended fire routing delay & fire routing inhibit delay facilities
- Auxiliary 24VDC supply output with reset support
- Default support for special functions such as: - EN54 compliant user access levels - mixed zones - full front panel diagnostics - one-man walk test - CleanMe™
- Auxiliary standard & supervised relay output boards
- Networkable up to 64 zones

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Spécifications techniques

Général

Capacité maximale du système (comptage de périphérique)	up to 1280
Taille du réseau (nœuds)	up to 8

Électrique

Type de bloc d'alimentation	VAC
Consommation électrique	4 A @ 24 VDC
Tension de fonctionnement	110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%) Cable type: 3 x 1.5 mm² (live, neutral, earth)
Consommation de courant	3.15 A @ 110/< 1.5 A @ 240 VAC 80 mA (quiescent, no devices) (panel supply) 160 mA (alarm, no devices) (panel supply)

Boucle

Capacité maximale de boucle de masse	8

Zone

Capacité maximale de zone	Jusqu'à 8
Tension de fonctionnement	22 VDC (18 to 24 VDC)
Quantité de dispositifs par zone	32 max.
Évaluation	65 mA (max. Load)
Cote de câble	40 ohm (max cable resistance), 500 nF (max cable capacitance)

Entrée

Quantité entrée	2
Type d'entrée et classe	100 ohm max.

Sortie

Surveillance tension	-15 to +28 VDC

Batterie de secours

Capacité	2 x 12 V, 7.2 or 12 Ah (SLA)

Caractéristiques physiques

Types de format	Moyenne
Dimensions physiques	440 x 480 x 140 mm (W x H x D)
Poids net	3.9 kg (without battery)
Poids à l'expédition	370 g
Couleur	Gris (RAL 7035)
Type de montage	En armoire
Entrées de câble	Ø 20 mm - 20 / 2 / 26 (top / bottom / rear)

Environnement

Température de fonctionnement	-5 to +50°C
Température de stockage	-20 to +70°C
Humidité relative	10 to 95% noncondensing
Environnement	Intérieur
Indice de protection	IP30

Régulateur

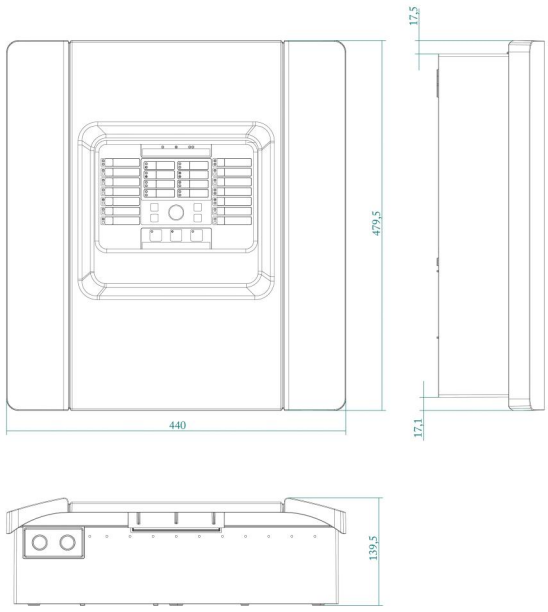
Certification	EN54-13, EN54-2, EN54-4
Normes	EN54-2 EN54-4 EN54-13
Environnement	CPD WEEE RoHS

Output

Supervised Outputs	4
Load (max)	500 mA
Non Supervised Outputs	2
Load	2 A @ 30 VDC

Auxilliary Supply Output

Output voltage	24 VDC (21 to 28 VDC)
Load (max)	250 mA @ 25°C / 195 mA @ 40°C



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