NC-PF4

Conventional fire panel, 4 zone

Overview

The New Conventional fire control panels offer state of the art architecture in configurations that deliver an uncomplicated solution for small to mid-sized conventional applications. With their clean and attractive contemporary design, they fits with any decor. The basic and intuitive user interface with icons make easy their application everywhere without an additional language kit required.

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 NC-PF4 is a conventional fire alarm control panel. It is supplied with 4 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 8 additional outputs.

Approvals & compliance

The product line carries the following accreditations:

• EN54:2, EN54:4 and CE approved
• CPD certified

• WEEE compliant
• RoHS compliant

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



Détails

- Modern, elegant design with basic and intuitive user interface with icons.
- 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 24 VDC 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
- No language kit inserts required

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Spécifications techniques

Général

Capacité maximale du système (comptage de périphérique)	up to 1280
Taille du réseau (nœuds)	Jusqu'à 16

Électrique

Type de bloc d'alimentation	VAC
Consommation électrique	2 A @ 24 VDC
Tension de fonctionnement	110 VAC @ 50 Hz or 230 VAC @ 50 Hz (-15% +10%) Cable type: 3 x 1.5 mm² (live, neutral, earth)
Consommation de courant	2 A @ 110/240 VAC 60 mA (quiescent, no devices) (panel supply) 140 mA (alarm, no devices) (panel supply)

Boucle

Capacité maximale de boucle de masse	4

Zone

Capacité maximale de zone	Jusqu'à 4
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. cable resistance)

Sortie

Surveillance tension	-15 to +28 VDC
Alimentation auxiliaire	24 VDC (21 to 28 VDC)

Batterie de secours

Capacité	2 x 12 V, 7.2 Ah (SLA)
Batteries supportées dans le boîtier	2 x 12 V, 7.2 Ah (SLA)

Caractéristiques physiques

Types de format	Petit
Dimensions physiques	320 x 435 x 134 mm (W x H x D)
Poids net	2.8 kg (without battery)
Poids à l'expédition	4.5 kg
Couleur	Gris (RAL 7035)
Type de montage	Montage en surface
Entrées de câble	Ø 20 mm - 14 / 2 / 12 (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

Conformité	CPD, RoHS, WEEE
Certification	EN54-13, EN54-2, EN54-4

Output

Supervised Outputs	4
Load (max)	250 mA
Non Supervised Outputs	2
Load	2 A @ 30 VDC

Auxilliary Supply Output

Load (max)	250 mA @ 25°C / 195 mA @ 40°C

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