NC-PF4

Central de incendios convencional, 4 zonas

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



Detalles

- Diseño moderno y elegante con interfaz de usuario básica e intuitiva con iconos
- Piezas fácilmente desmontables para una instalación rápida y sencilla
- Ajuste del modo regional por defecto
- Normal, head-out & intrinsically safe zone support
- Notificación de alarma supervisada y salidas de protección contra incendios
- Relés de fuego y avería libres de potencial que cumplen con la norma EN54
- Cambio de clase, día/noche, reinicio remoto, retardo de enrutamiento de incendios extendido y funciones de retardo de inhibición de enrutamiento de incendios
- Salida de alimentación auxiliar de 24 VCC con soporte de reinicio
- Compatibilidad predeterminada con funciones especiales como: - Niveles de acceso de usuario compatibles con EN54 - Zonas mixtas - Diagnóstico completo del panel frontal - Prueba de recorrido por una sola persona - CleanMe™
- Placas de salida de relé auxiliares estándar y supervisadas
- Conectable en red hasta 64 zonas
- No se requiere kit de idioma

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Especificaciones técnicas

General

Maximum system capacity (device count)	up to 1280
Network size (nodes)	up to 16

Electrical

Power supply type	VAC
Power consumption	2 A @ 24 VDC
Operating voltage	110 VAC @ 50 Hz o 230 VAC @ 50 Hz (-15% +10%) Tipo de cable: 3 x 1,5 mm² (fase, neutro, tierra)
Current consumption	2 A @ 110/240 VAC 60 mA (Alarma, sin dispositivos) (alimentación del panel) 140 mA (Reposo, sin dispositivos) (alimentación del panel)

Loop

Maximum loop capacity	4

Zone

Maximum zone capacity	up to 4
Operating voltage	22 VDC (18 a 24 VDC)
Quantity of devices per zone	32 max.
Rating	65 mA (máx. carga)
Cable rating	40 ohm (máx. resistencia del cable), 500 NF (máx. capacitancia del cable)

Input

Input quantity	2
Input type and rating	100 ohm (máx. resistencia de cable)

Output

Supervisory voltage	-15 a +28 VDC
Auxilliary power	24 VDC (21 a 28 VDC) Tensión de salida
Supervised Outputs	4
Load (max)	250 mA
Non Supervised Outputs	2
Load	2 A @ 30 VDC

Standby battery

Capacity	2 x 12 V, 7.2 Ah (SLA)
Batteries supported in housing	2 x 12 V, 7.2 Ah (SLA)

Physical

Form factor	Small
Physical dimensions	320 x 435 x 134 mm (W x H x D)
Net weight	2.8 kg (sin baterias)
Shipping weight	4.5 kg
Colour	Grey (RAL 7035)
Mounting type	Surface mount
Cable entries	Ø 20 mm - 14 / 2 / 12 (arriba / abajo / atrás)

Environmental

Operating temperature	-5 a +50°C
Storage temperature	-20 a +70°C
Relative humidity	10 a 95% sin condensación
Environment	Indoor
IP rating	IP30

Regulatory

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

Auxilliary Supply Output

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

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