NC-PF4

Central de Incêndios 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



Detalhes

- Design moderno e elegante com interface de utilizador básica e intuitiva com ícones.
- Componentes facilmente amovíveis para uma instalação rápida e simples.
- Modos de operação regionais.
- Suporta zona tipo Normal, remoção de dispositivo e intrínseco
- Saídas supervisionadas de notificação.
- Relés de incêndio e de falha livres de potencial em conformidade com a norma EN54.
- Alteração de Classe, dia/noite, reset remoto, recursos alargados de retardo e inibição de "fire routing"
- Saída auxiliar de 24 VDC com possibilidade de reset.
- Compatibilidade por defeito com funções especiais, tais como: - níveis de acesso do utilizador em conformidade com a norma EN54 - zonas mistas - diagnóstico completo do painel frontal - CleanMe™
- Placas de relé (opcionais) standard e supervisionadas.
- Funcionamento em rede até 64 zonas.
- Não necessita de kit de linguagem

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Especificações 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 or 230 VAC @ 50 Hz (-15% +10%) Cable type: 3 x 1.5 mm² (live, neutral, earth)
Current consumption	2 A @ 110/240 VAC 60 mA (quiescent, no devices) (panel supply) 140 mA (alarm, no devices) (panel supply)

Loop

Maximum loop capacity	4

Zone

Maximum zone capacity	up to 4
Operating voltage	22 VDC (18 to 24 VDC)
Quantity of devices per zone	32 max.
Rating	65 mA (max. Load)
Cable rating	40 ohm (max. cable resistance), 500 nF (max. cable capacitance)

Input

Input quantity	2
Input type and rating	100 ohm (max. cable resistance)

Output

Supervisory voltage	-15 to +28 VDC
Auxilliary power	24 VDC (21 to 28 VDC)
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 (without battery)
Shipping weight	4.5 kg
Colour	Grey (RAL 7035)
Mounting type	Surface mount
Cable entries	Ø 20 mm - 14 / 2 / 12 (top / bottom / rear)

Environmental

Operating temperature	-5 to +50°C
Storage temperature	-20 to +70°C
Relative humidity	10 to 95% noncondensing
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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