2010-2-NB

Addressable fire panel accessory, network printed circuit board

Overview

The Firenet network board allows you to create a robust class A redundant 32 node network, via RS485, supporting maximum 32 loops. Each node can be a fire panel with or a fire panel repeater. In case optical fiber is required to cover more than 1200 m between nodes or in case of EMC issues we recommend a copper/fiber converter.

Operation

It is possible to repeat the user interface of the panel e.g. if there are more exit doors in the building and on each exit door the visibility of the fire system is required.

In case you need to spread the load of the system, or if you have more buildings on one site that need to get connected together in one system or in case a specification requires e.g. that on each floor of the building a panel is installed that controls it's own floor a ring network can be created.

Also if an existing system needs to be expanded you can either go for the loop expansion board if only 1 or 2 loops are required locally or you go for the most complete solution by connecting another panel in the network. The choice is yours.

Mounting

The board can be plugged directly on the front of the main board of the panel on the easy to remove chassis. No additional cabling needs to be done.



Details

- Class A network
- 1200 m between nodes
- For panels and repeaters
- Up to 32 nodes / 32 loops
- Plugable connectors
- Plugs directly on the front of the main board and chassis

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Technical specifications

General

Network size (nodes)	up to 64

Physical

Form factor	Large
Physical dimensions	129 x 55 x 158 mm (W x H x D)
Net weight	40 g
Shipping weight	87 g
Mounting type	In cabinet

Environmental

Operating temperature	-8 to +42°C
Storage temperature	-10 to +50°C
Relative humidity	Max. 95% noncondensing

Regulatory

Certification	EN54-13, EN54-2
Environmental	CPD WEEE RoHS

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