

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 1200m between nodes or in case of EMC issues we recommend a copper/fiber converter.

The Application

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 its 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.



Standard Features

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

2010-2-NB

Addressable Fire Panel Accessory - Network Printed Circuit Board

Specifications

Physical	
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	95% noncondensing max.
Standards & regulation	
Certification	EN54-13, EN54-2
Environmental	CPD WEEE RoHS
Protocol	
	Proprietary based on RS485
Class	
	Class A
Max. distance between nodes	
	1200m

Ordering Information

Part No.	Description
2010-2-NB	Addressable Fire Panel Accessory - Network Printed Circuit Board