Product Data Sheet

UTC Fire & Security
A United Technologies Company

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 without user interface (black box) or a fire panel repeater. In case optical fiber is required to cover more then 1200m between nodes or in case of EMC issues we recommend a copper/fiber converter.

The Application

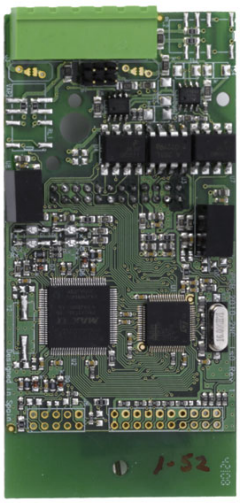
It is possible to repeat the user interface of the panel e.g. if there are more exit doors in the buildin and on each exit door the visibility of the fire system is required.

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 togther 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 choise 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
- Plugable connectors
- Plugs directly on the front of the main board and chassis

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Specifications

Protocol	Proprietary based on RS485
Class	Class A
Max. distance between nodes	1200m
Environmental conditions	
Storage temperature	-10°C to +50 °C
Operating temperature	-8°C to +42 °C
Relative humidity	max. 95 % (non-condencing)
Mechanical	
Weight	0.04 kg

Ordering Information

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