2X-LB

Addressable fire panel accessory, loop expansion board, 2-loop

Overview

The loop board with plugable connectors adds 2 additional loops to your 2-loop low-end addressable fire panel that doubles the amount of devices to be supported by one panel and 128 extra zones can be programmed. Together with the 2 additional loops, 4 supervised sounder/fire-routing outputs, which can be used as freely programmable outputs, come along as well.

The Application

The loop board allows for bigger single panel applications. Instead of using two 2-loop panels you now have only one panel to power and all the loop wiring is concentrated to one location without having to use a Firenet network.

In case you need to expand an existing system you don't need to put another panel in place. You only have to add the loop board. This makes your system more flexible and easier to expand.

Please note that only the 2-loop panel has this capability of adding the additional loop board.

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

- 2 loops and adds up to 128 zones
- 4 programmable outputs
- Plugable connectors
- Plugs directly on the front of the main board and chassis

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Technical specifications

General

Maximum system capacity (device count)	up to 256

Loop

Maximum loop capacity	2
Type and rating	Recommended 2 core 1.5 mm² twisted pair ; Length: 56 ohm / 1 µF max. 2 km

Zone

Maximum zone capacity	up to 256

Output

Output type and rating	Loops: 2, 250 mA / 29 VDC (29 to 36 VDC)
Programmable	4,700 mA / 19.5 to 28 VDC (24 VDC nominal), supervised
Termination	15 kohm

Physical

Form factor	Large
Physical dimensions	127 x 55 x 152 mm (W x H x D)
Net weight	120 g
Shipping weight	192 g
Mounting type	Surface mount

Environmental

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

Regulatory

Compliancy	CPD, RoHS, WEEE
Certification	EN54-13, EN54-2, EN54-21, EN54-4

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