

2X-A-LB

Addressable fire panel accessory, loop expansion board, 2 loop

Overview

The loop board with pluggable 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 High Power Loops expandable with 500 mA per loop
- High loop power PAK to increase the loop power from 500 mA to 800 mA
- Adds up to 128 zones
- 4 programmable outputs
- Pluggable 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 max. 95% noncondensing

Regulatory

Compliance CPD, RoHS, WEEE

Certification EN54-13, EN54-2, EN54-21, EN54-4



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