

Overview

The JBE-P2L2-2LP expansion card allows for the addition of two additional loops to the JBE-P2L1 control panel configuration. Each expansion card provides an additional two loops to the panel, with a maximum of eight loops with up to three cards per panel. The main panel card provides two loops to the system.

The JBE-P2L1 panel has the capability to host an expansion card. It is possible to use the JBE-P2L2-2LP card to add 2 additional loops to the panel. The JBE-EXP expansion box is required to add up to a maximum of 3 additional loops cards to the panel.

To obtain detailed instructions on how to install the loop cards in the JBE-EXP expansion box, please refer to the corresponding manual.

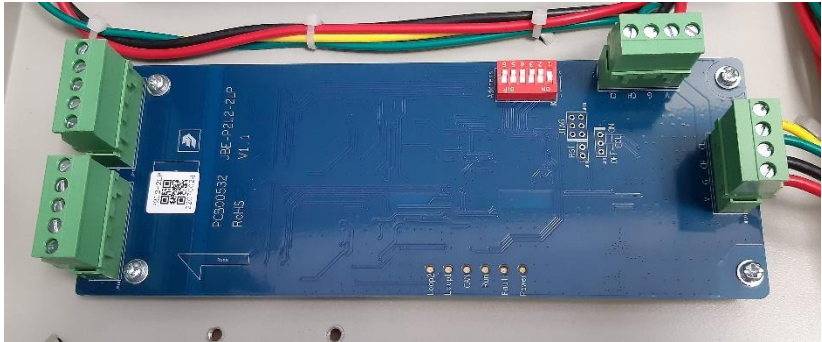
Technical data

| 2 Loops expansion card | |
|-------------------------------|---|
| Number of detection loops | 2 |

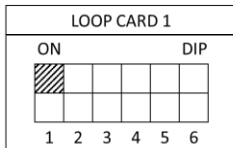
| Connection to field devices | |
|--|---|
| Maximum loop distance | 2.000 m |
| Recommended cable type | 2 x 1.5 mm ² unshielded twisted pair |
| Maximum number of addressable points (Free mix of detectors, MCP, IO, sounders) | 200 per Class A loop (max 8x200) |
| Detection loop voltage | JBE pulsed protocol (20 to 30 V _{pp}) |
| Detection loop available current | 500 mA |

Installation

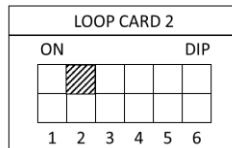
1. Disconnect the batteries and main power supply from the P2L1 panel.
2. Place the card into the fire panel. See attached image.



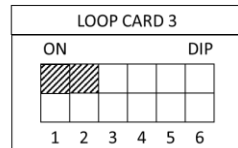
3. Fasten the card in place, using the 4 screws provided.
4. Select the address of the card using the configuration DIP.



LOOP 3 & LOOP 4



LOOP 5 & LOOP 6



LOOP 7 & LOOP 8

5. Turn on the panel and update the number of available loop cards. See menu:

Install\8. System configuration


6. After the reset, the panel has the loops available.
7. Remember to configure the class A/B of the loop in the following menu according to the type of installation (class A for a loop installation).

Ajust\5. Set loop class (A or B)

Maintenance

Alarm test should be conducted regularly, recommending every 6 months.

Regulatory information

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|  |
| 0370 |
| Jade Bird Fire Alarm International (Europe), S.L. C. Tarragona, 157. 08014 Barcelona (Spain) |
| 20 DoP-0370-CPR-3813-1 |
| EN 54-2, EN 54-4 JBE-P2L1 <i>Addressable Fire Alarm Control Panel, intended for use in fire detection and fire alarm systems installed in and around buildings.</i> Technical file: see TF-JBE-P2L1-10 held by the manufacturer. |

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