

Fire Products & Solutions

FT-RLM

Description

The FireTracker Remote Loop Mimic (FT-RLM) is a programmable loop device which can be installed externally from the main FDCIE. The FT-RLM is compatible with FTOne, FT1020G3 or FireFocus FDCIE's.

The Remote Loop Mimic can display any FDCIE related information, such as fire alarm conditions, faults and general status's. The indicators are fully customized to any status programmable via EBLWin and each LED's colour can be changed between Red, Green & Yellow.

Features

- Mount up to 5 x 1209 – Eight LED Display Modules + 1 x 1204 for power.
- 1 x 1200 – One input/One output module is also provided inside the panel.
- Built in short circuit isolator.
- Fully programmable to indicate any status with use of EBLWin software.
- Easy termination of field wiring and installation.
- Products conformity to AS ISO 7240.18 & AS ISO 7240.17.

Specifications

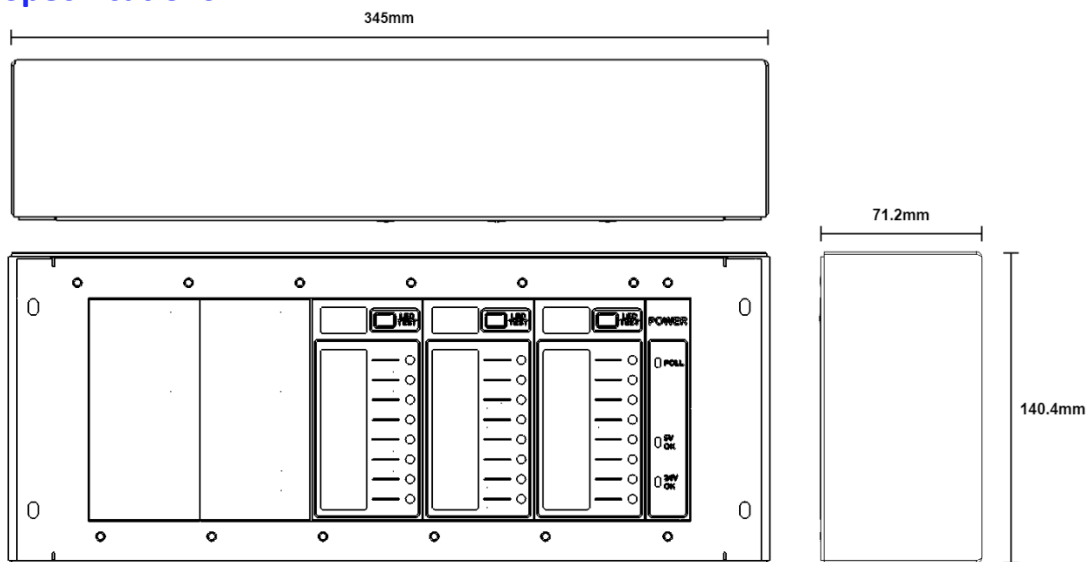


Table 1: Power Specification:

Termination	Current Consumption
+24V	150mA + (3mA per 1209 module added)
COM Loop	11mA + (4mA per 1209 module added)

(Due to the continual development Brooks Australia reserves the rights to change the product specifications)

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Configuration and Setup

Using the excel spreadsheet template, a label can be created for each individual display module, this is then printed on 100 – 150 GSM paper and inserted into the display module before the module is mounted onto the Display panel. A small tab of paper is left extended from the slot after inserting it into the module. This tab is then clamped when the module is installed into the Display Panel.



Figure 1: Inserting Paper Label.

The 1204 power monitor module is connected to the COM Loop and 24VDC via terminal blocks, then supplies the power and loop communication to the ribbon cable which connects up to 5 different display modules in the display Panel. The 1204 & 1209 modules are programmed using the address setting tool 4414 set to “m3 Advanced Mode” or the auto addressing function within EBLWin.

To manually address the 1209 modules:

- Connect the 1204 to 24Vdc.
- Connect the modules to the 1204 via the CA380 ribbon cable.
- Remove the ADDRESS PIN jumpers on the display module.
- Connect the address setting tool 4414 (be careful not to short the pins) to the SA and SB pins on the side labelled ADDRESS PINS (See Figure 2: LED Colour Selection).
- Select the address using M3 Advanced mode.
- Once addressed, remove the address setting tool and reinstall the jumpers.

A green polling LED will flash on the 1204 module whenever the module is polled or communicated with the FDCIE.

The 1209 modules have on board LED's that are bi-colour, the final colour to be displayed is determined by the onboard DIP Switches.

Example Settings:

1. Setting DIP Switch GRN-0 on and RED-0 off will display a **GREEN** LED on activation of output-0.
2. Setting DIP Switch GRN-0 off and RED-0 on will display a **RED** LED on activation of output-0.
3. Setting DIP Switch GRN-0 on and RED-0 on will display a **YELLOW** LED on activation of output-0.



Figure 2: LED Colour Selection

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EBLWin Configuration

To add one of the 1209 modules to the SSD, right click on the loop that is connected to the Display panel and select one of the display modules shown in the “Customized Units”

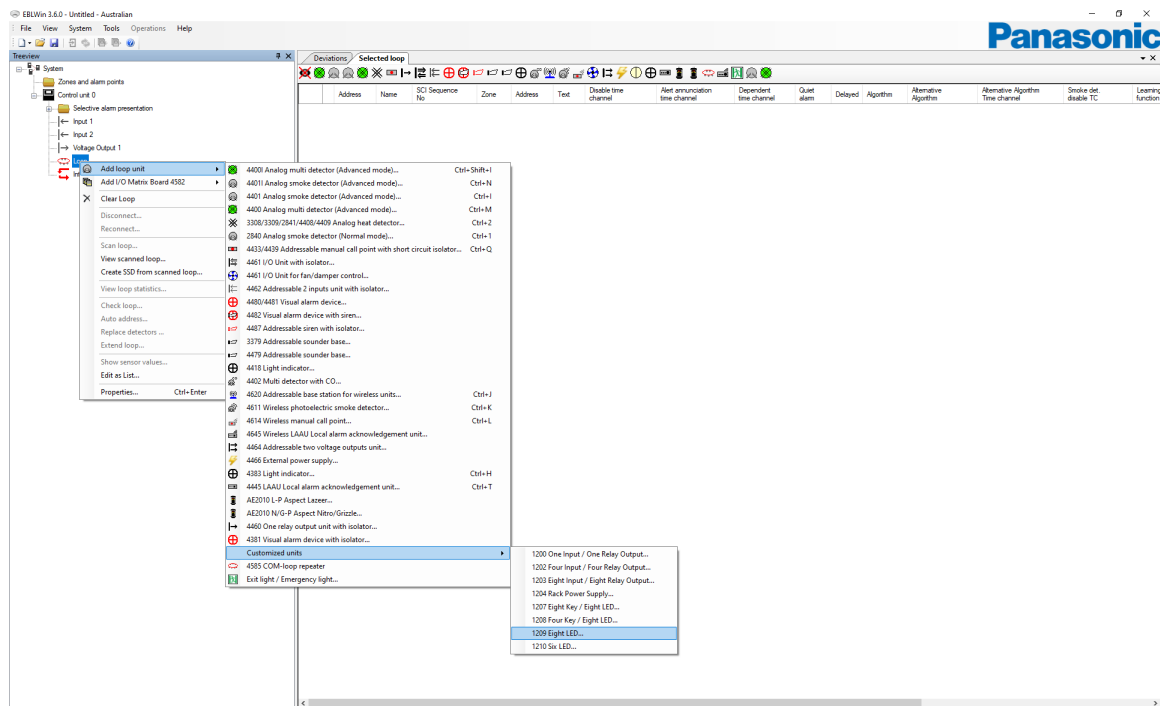


Figure 3 Selecting 1209 modules.

Each 1209 module requires 1 address – EBLWin will automatically allocate the next consecutive address to this module.

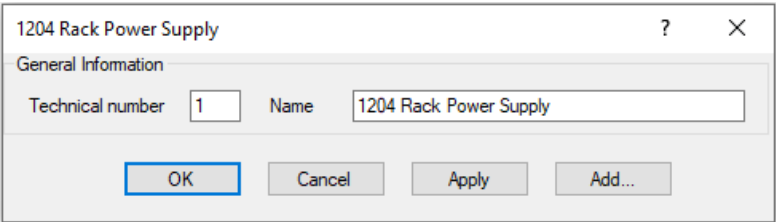


Figure 4: Adding 1204 - Power Monitor Module

Configuration of the indicators for the 1209 is achieved by inputting any control expressions into each output tab (0-7)

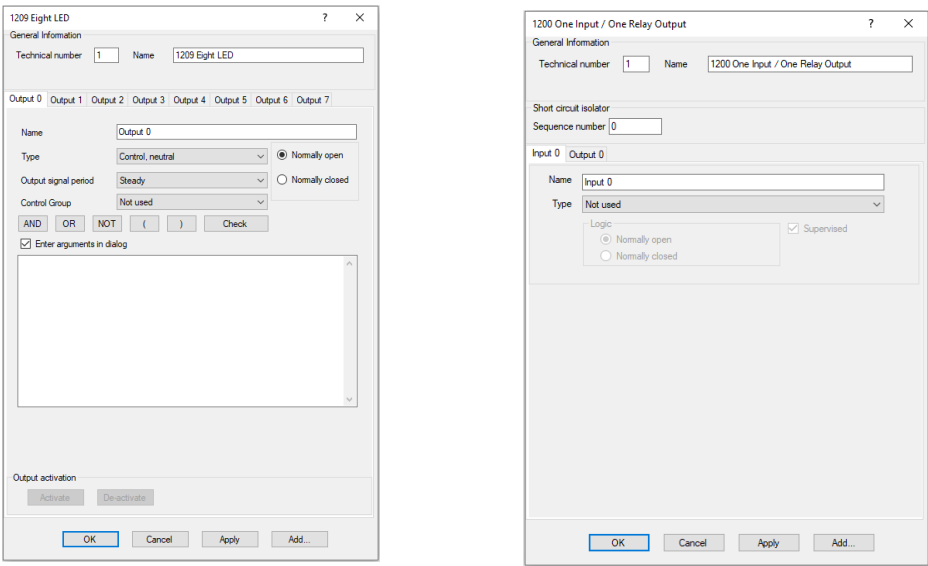


Figure 5: Configuring 1209 & 1200 modules

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Installation

Installing the FT-RLM is achieved with the two M5 keyhole mounting slots show below on the rear of the panel. Cable entry is also shown below on the rear of the panel, 2 x Ø25mm knockouts are provided for this purpose.

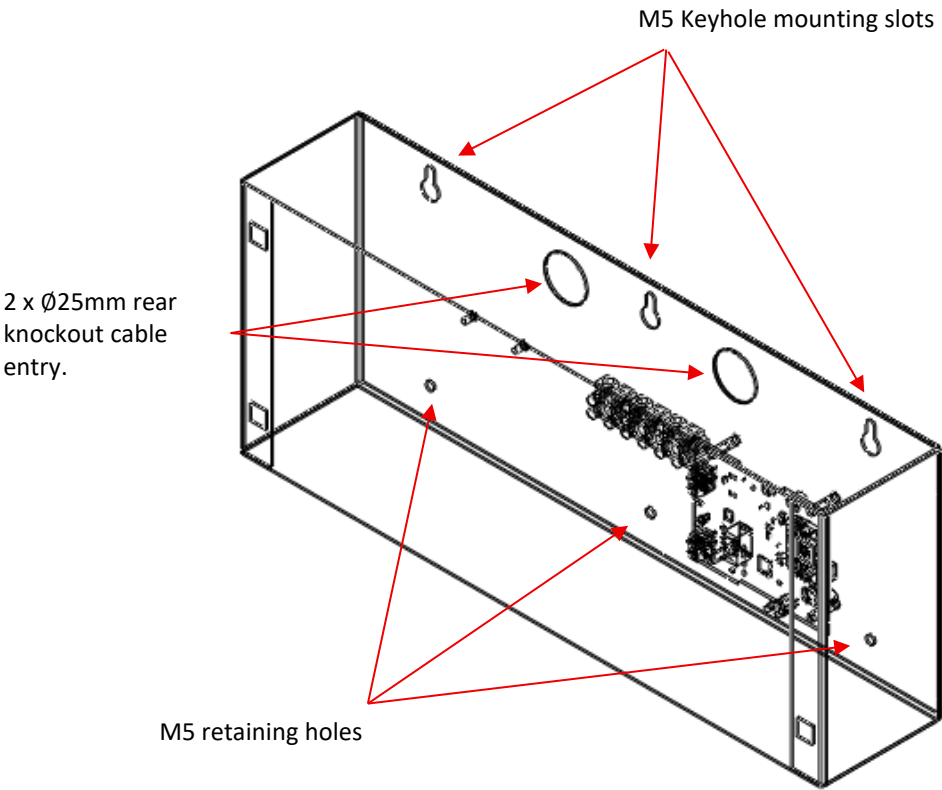
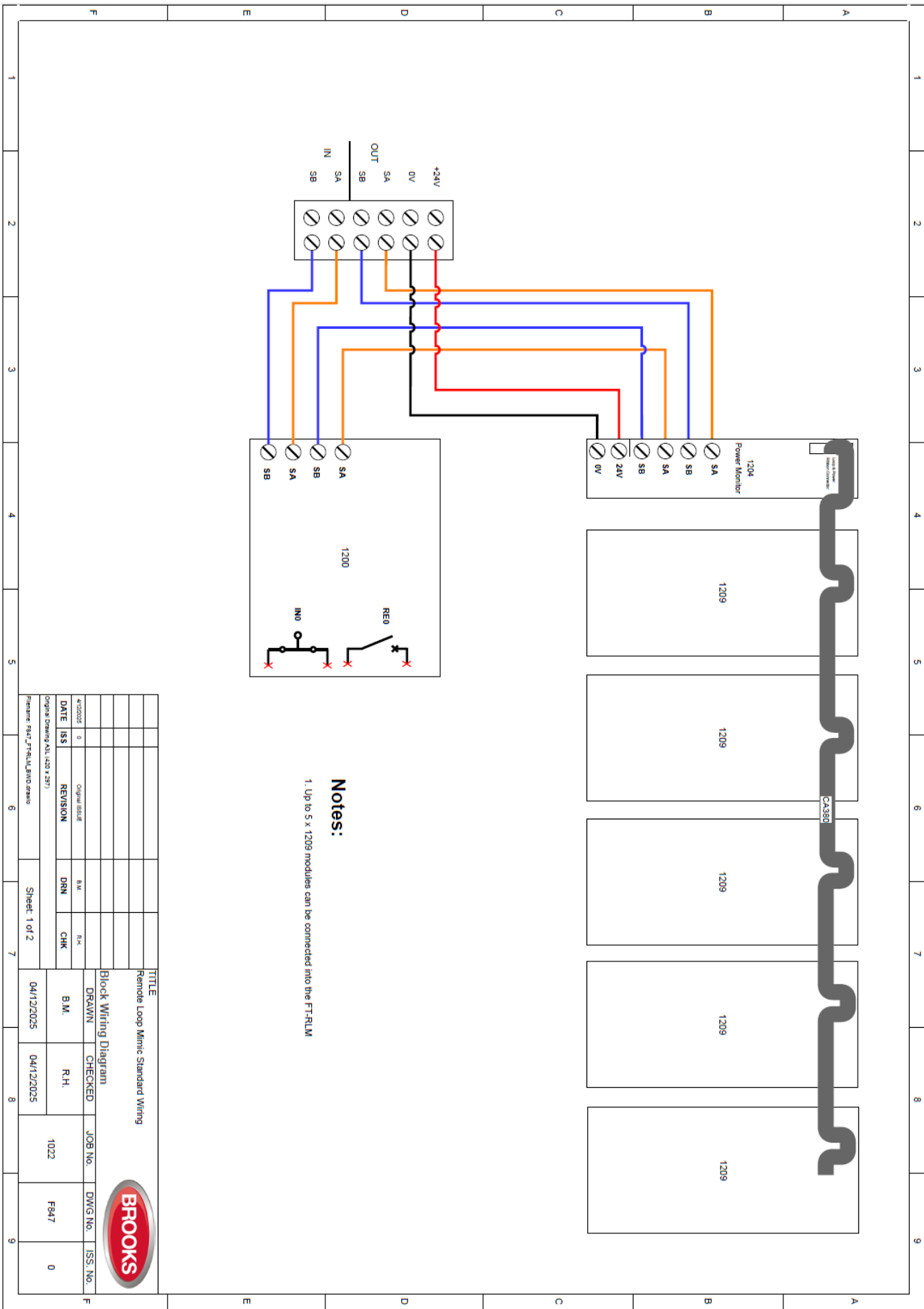


Figure 6: FT-RLM Mounting Locations

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Block Wiring Diagram



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