

# F4-RMAX Remote LED Mimic

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*Provides remote LED mimic display for the F4 panel*  
*Additional two-pole changeover **Auxiliary Fire** relay*  
*Additional two-pole changeover **Auxiliary Defect** relay*

## Product Overview:

The Pertronic **F4 Remote LED Mimic / Aux Relay Module F4-RMAX** is an optional extra for the Pertronic F4 conventional 4-zone fire alarm panel. This board enables the fire alarm panel to drive a remote LED mimic display over an RS485 communication bus.

Installing an F4-RMAX adds three extra features to the F4 fire alarm panel:

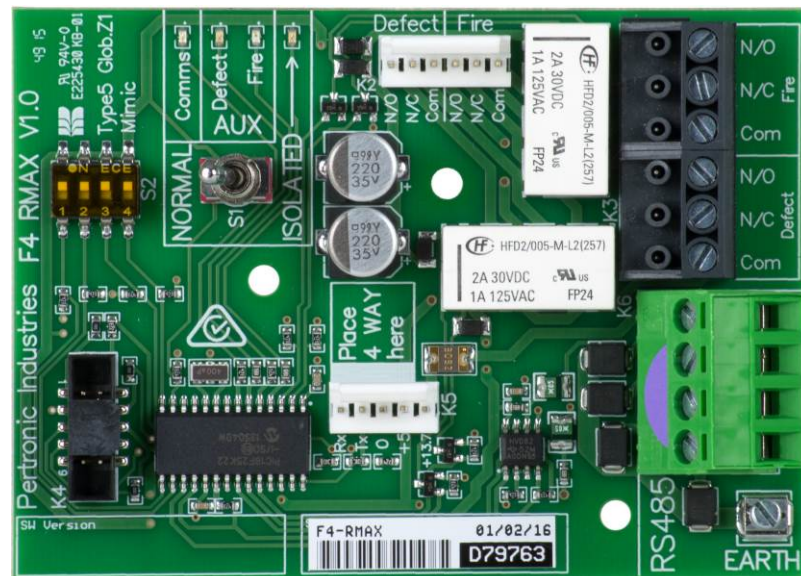
- Serial port for a monitored remote LED Mimic
- Additional two-pole changeover Auxiliary Fire relay
- Additional two-pole changeover Auxiliary Defect relay

The F4-RMAX is compatible with F4 fire alarm panels fitted with version 5.02 or later firmware, and version 5.05 or later F4 master boards.

The **Auxiliary Fire** relay is normally de-energised and operates when any circuit activates into a Brigade Calling Alarm.

The **Auxiliary Defect** relay is normally de-energised and operates when any fault occurs.

The F4-RMAX board may be fitted in a Pertronic F4 panel that also has an F4 Type 5 Sound Control Board, provided the panel master board is Version 5.05 or later.



**F4-RMAX Board**

## Features:

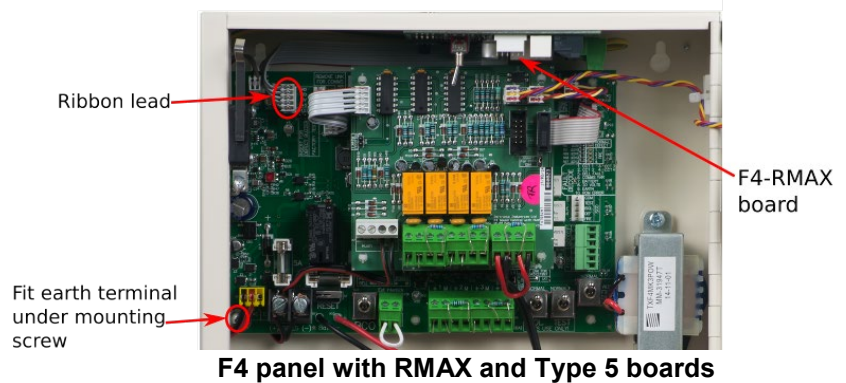
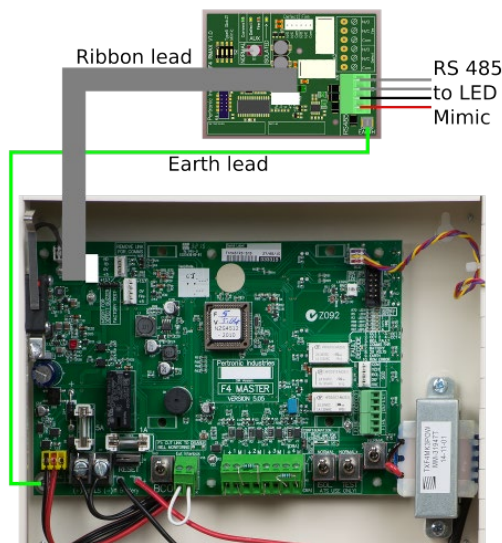
- ▶ Interfaces an F4 fire alarm panel to a Pertronic remote LED mimic
- ▶ The LED mimic is monitored via the RS485 serial bus
- ▶ Two-pole change-over (form C) **Auxiliary Fire** and **Auxiliary Defect** relays
- ▶ **Auxiliary Relay Isolate** switch

## Specifications:

▶ Power Supply	13.7 Vdc and 5 Vdc
▶ Current Consumption (Standby & Alarm)	3 mA to 5 mA, excluding current drawn by mimic
▶ RS485 Data Rate	9.6 kB/s
▶ Relays, Two-pole (Fire, Defect)	2 A @ 30 Vdc Form C (Changeover)*
▶ Dimensions	94 x 67 x 26 H x W x D mm
▶ Weight	50 g
▶ Operating Temperature	- 10 °C to +55 °C
▶ Humidity	10 % to 95 % RH, non-condensing

\* We recommend 0.5 mm<sup>2</sup> cable if pole 1 is required to switch more than 1.5 Amps (continuous).

## Connections:



## Ordering Information:

Product Code	Description
F4-RMAX	F4 Remote LED Mimic / Aux Relay Module
F100PDB12	12 Way Smart (Flashing) LED Display Board
F100PDB12-S	12-Way SMD Smart (Steady) LED Display Board
F4T5SCNT	F4 Type 5 Sound Control Board with Hush

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