

# FB800 Spare Fuse Board



Fig. 1: FB800 Spare Fuse Board

## Introduction

The FB800 fuse board is used to supply up to 15 fuse protected auxiliary voltages connected to the Control and Indicating Equipment.

## Features

The fuse board FB800 provides 15 fused outputs. It is placed within the fire alarm control panel, preferably mounted on the CIE by means of plastic stand-offs.

It is recommended that the FB800 is always used when a 24V dc supply to equipment outside the Control and Indicating Equipment is required.

The FB800 must be mounted on stand-off pillars, supplied. See the installation guide for the CIE mounting instructions.

## Technical specification

- System Compatibility: Use with FIRE-CLASS Fire Alarm Controllers
- Environment: Indoor Application only
- Operating Temperature: 0 °C to +49 °C
- Storage Temperature: -25 °C to +85 °C
- Operating Humidity: Up to 85 % non-condensing
- Dimensions (HWD): 84 x 60 x 23 mm
  - Assembly: 164 x 92 x 14 mm
- Electrical Characteristics:
  - Outputs: 15 x 24V @ 0.5 (min. 21V, max. 29V)
- Wire Size:
  - Min 1.5 mm<sup>2</sup>
  - Max 2.5 mm<sup>2</sup>
- Max Output Circuit Wire Resistance: 0.5 ohms

- Electromagnetic Compatibility:  
The FB800 complies with the following:
  - Product family standard EN50130-4 in respect of Conducted Disturbances, Radiated Immunity, Electrostatic Discharge, Fast Transients and Slow High Energy
  - EN50081-1 for emissions

- 2 All wiring must conform to current edition of IEE Wiring Regulations and BS5839 part 1.
- 3 Using the stand-offs, washers and nuts (supplied) mount the FB800 in its specified location.

## Ordering information

Item	Order Code
FB800 Spare Fuse Board	577.202.100

Fig. 2: Order codes

## Wiring and installation notes

The following notes apply:

- 1 There are no user-required settings (switches, headers) on the FB800. All wiring must be free of earths.

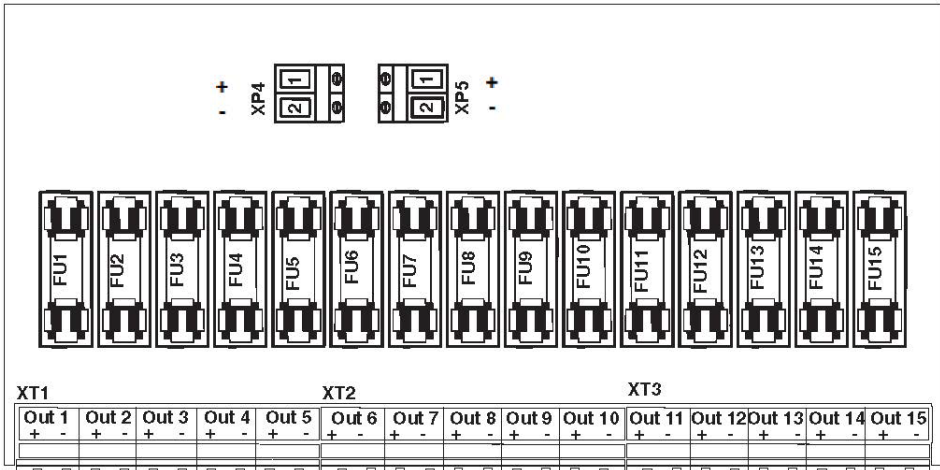


Fig. 3: FB800 Terminal Designation

XP4/XP5: +24V/0V inputs

XT1/XT2/XT3: +24V/0V outputs



