

Power Supply Unit FX1A



FX1A power supply unit

Overview

The FX1A is a 24V dc battery backed power supply unit complete with back up batteries.

The output is continuous and transition from mains to battery is without break in the output. It is monitored and has local fault indication as well as volt free contacts for remote fault signalling, making it ideal as a general purpose power supply for fire alarm applications.

Features

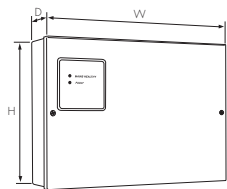
- Compact enclosure
- Integral battery
- Fault indicator
- Remote fault contact

Benefits

- Simple to use
- Secure steel enclosure
- Built in battery back up



Dimensions



H (mm)	W (mm)	D (mm)
230	323	77

Technical Specification

Code	FXA1
Description	Power supply unit
Standards	EN54 Pt4
Specification	
Maximum Continuous Load	0.8A
Maximum Intermittent Load	1.0A
Standby Batteries	2 x 12V 2.1 Ah
Fault Relay Contact Rating	3A at 24V dc
Fuse Protection	Mains input, charger output, system output
Output Voltage (mains healthy)	27.5V dc
Output Voltage (mains failed)	20.4 - 24V dc dependant on battery status
Physical	
Construction	Mild steel
Dimensions (H x W x D)	230mm x 323mm x 77mm
Ingress Protection	IP30
Compatibility	
Suitable for use with	Menvier fire systems

Installation

1. Enclosure is designed for wall mounting.
2. 2 x 20mm knockouts are provided for cable entry at the top of the enclosure.
3. A fused terminal block is provided for mains supply connection.
4. Output is protected by internal 1.5A fuse.

System Functionality

1. FX1A power supply provides a maximum output of 1A.
2. Output is used to supply any connected load and also to recharge the integral batteries.
3. To enable batteries to be charged correctly maximum continuous external load should not exceed 0.8A.
4. LED indicators are provided to signify:
 - Mains healthy
 - System fault
 - Output supply fault
 - Charger output fault
5. Mains healthy and system fault LED's are visible without removing front cover.

Product Codes

Code	Description
FX1A	24V dc power supply unit, with battery backup
FASP0429	24V dc power supply unit, no battery backup