

24V 1A Regulated Power Supply

Part No. **BF375M**



Overview

- A general purpose mains to regulated 24V d.c. power supply unit intended for use in fire alarm systems of all sizes.
- Includes a built-in 24V double pole changeover relay.
- Provides a stabilised output of 27.6V
- Mains On, Battery/PSU Fault and Output Triggered indicators.
- Trigger and hold off inputs can be used to control the internal relay.
- Optional back-up batteries can be fitted to maintain the output in the event of mains failure.



More Information

Technical Specifications

Application/operation	A boxed Mains to regulated DC power supply providing 1A @ 24V DC c/w with an on-board relay.
Mains supply	230V 50/60Hz.
Output	1A @ 27V DC. (100mV ripple).
Battery charge capacity	1.2 Ah to 2.1 Ah.
Quiescent current	15mA max.
Max battery size and type	2 x 12V 2.1 Ah VRLA (for approx. 80 hours stand by). Note 2 x 12V 1.2Ah VRLA will typically provide 36 hours standby.
Open collector outputs	Fault monitor: Normally off; Max. off voltage: +27 V DC; Max. current when on: 50mA.
Indicators	Mains On, Battery/PSU Fault and Output Triggered.
Controls	Trigger input: +5-27V DC (max. current 1mA); Hold Off Input: +5-27V DC (max. current 1mA). Voltages with respect to 0V.
Connections	Hold off; Trigger; Fault Output; 0V; N/O; N/C; +24V.
Product dimensions (mm)	271 W x 200 H x 70 D mm.
Construction & finish	Hinged metal lid with grey and white label; Metal base.



IP Rating IP30.
Weight 2.3kg (without batteries).
Operating conditions/temperature -5°C to +40°C. Max relative humidity: 95%.



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