



24V 3A EN54-4 Switch Mode PSU

Part No. **BF362-3**



Overview

VDS certified to EN54-4 (1997/A2:2006).

Ideal for powering beam detectors, auto-dial communicators, aspirating smoke detectors, auto-open vent systems, auxiliary sounder systems or any other device performing a mandatory function of a fire alarm system.

Deep discharge battery protection and EN54 compliant reporting of battery impedance faults.

Includes a single-pole volt-free changeover relay that switches for any fault condition.

Three LED indicators - supply present, general fault and auxiliary fault (for optional connection to third-party equipment).

Link selectable battery charging capacity.

Environmentally-friendly charging circuit - dissipates just 0.35W compared to the industry norm of 2.55W.

Supplied in a tough, durable metal box.

Optional 'caged' and 'PCB-only' versions available with exactly the same electronics (order code BF362-3/E and BF362-3/C respectively).

Technical Specifications

Approvals/certifications	Certified to EN54-4 by the VdS (0786-CPD-21419) / (G215022)
Application/operation	A boxed Mains to regulated DC power supply providing 3A @ 24V DC. Fully compliant with EN54-4, it includes a single pole volt-free changeover relay that switches for any fault condition.
Mains supply	230V 50/60Hz.
Mains rated current	810mA maximum. (187 VA)
Total output current limited to	3A (Max. continuous output current).
Output	2A DC current (I max a, PLK2 link fitted), 1A charge current; 3A DC current (I max b, charging turned off).
Battery charge capacity	7 Ah to 18 Ah.
Max battery size and type	2 x 12V 18 Ah VRLA.





Indicators	Supply Present (Green); General Fault (Amber); Auxiliary Fault (Amber); Hazardous Voltages Present (Red).
Connections	Mains Input (CONN1); Supply Output (CONN5); Battery Input (CONN5); Fault Relay (CONN3); Charge Off Input (CONN4). Battery Monitoring On/Off Link (PLK1); Battery Charge Current Link (PLK2); High Temp. Output (PL2).
Product dimensions (mm)	404 W x 404 H x 110 D mm.
Construction & finish	Metal lid and base; RAL7035 textured.
IP Rating	IP30 (designed for indoor use only).
Weight	5,25kg (without batteries).
Operating conditions/temperature	-5°C to +40°C. Max relative humidity: 95%.

