

## 24V 3A Caged Switch Mode PSU to EN54-4/A2

Part No. **BF362-3/E**



### Overview

Supplied in a finger-protective cage to VDE 0100-410.

Includes the same electronics as our BF362-3 VDS certified EN54-4/A2 boxed 24V 3A PSU.

Ideal for use in OEM enclosures 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 'PCB-only' versions available (order code BF362-3/C).

### Technical Specifications

Approvals/certifications	Includes the same electronics as our EN54-4/A2 VdS certified BF362-3/E PSU.
Application/operation	A caged Mains to regulated DC power supply providing 3A @ 24V DC for mounting in OEM enclosures. Full compliance with all relevant standards must be checked by the responsible person with the caged PSU installed in a suitable enclosure.
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.



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)	173 W x 143 H x 66 D mm.
Construction & finish	Zintec cage.
IP Rating	Dependent on mounting enclosure.
Weight	890g.
Operating conditions/temperature	-5°C to +40°C. Max relative humidity: 95%.
Notes	The BF362-3/E must be installed in a suitable enclosure (not supplied) which must withstand the operating conditions of the PSU. Adequate ventilation must be provided and component temperature limits must not be exceeded. See main instructions.

