

## Technical Data Sheet

### PSU 3AMP 24V 3A EN54-4 Switch Mode PSU



### Cable Description

- ⊗ 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

<b>Approvals/certifications</b>	Certified to EN54-4 by the VdS (0786-CPD-21419) / (G215022)
<b>Application/operation</b>	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.
<b>Mains supply</b>	230V 50/60Hz.
<b>Mains rated current</b>	810mA maximum. (187 VA)
<b>Total output current limited to</b>	3A (Max. continuous output current).
<b>Output</b>	2A DC current (I max a, PLK2 link fitted), 1A charge current; 3A DC current (I max b, charging turned off).
<b>Battery charge capacity</b>	7 Ah to 18 Ah.
<b>Max battery size and type</b>	2 x 12V 18 Ah VRLA.
<b>Indicators</b>	Supply Present (Green); General Fault (Amber); Auxiliary Fault (Amber); Hazardous Voltages Present (Red).
<b>Connections</b>	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).
<b>Product dimensions (mm)</b>	404 W x 404 H x 110 D mm
<b>Construction &amp; finish</b>	Metal lid and base; RAL7035 textured
<b>IP Rating</b>	IP30 (designed for indoor use only).
<b>Weight</b>	5.25kg (without batteries).
<b>Operating conditions/temperature</b>	-5°C to +40°C. Max relative humidity: 95%.