

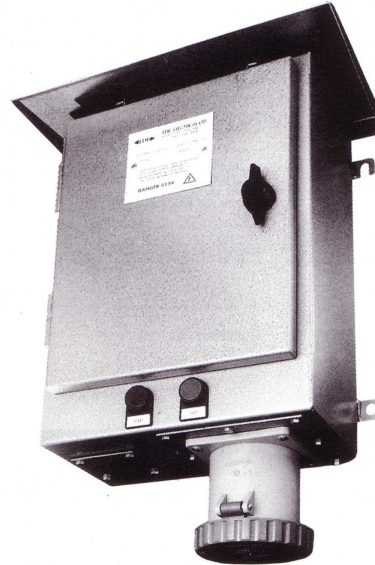
FDB 27 Composite Protection/ Control Unit

The FDB27 range is the result of many years of experience gained from consecutive term contracts to manufacture equipment suitable for the exacting requirements of Defence establishments.

Designed in accordance with MOD and PSA specifications, the FDB 27 range provides electrical protection and control for power supplies to ground support equipment in hangars, workshops and garages, as well as technical/communications vehicles and optronics buildings.

Comprising high accuracy, electronic residual current sensor and Earth Continuity Monitor together with heavy duty contactor and optional push button controls; all housed in a robust, purpose built enclosure suitable for indoor or outdoor locations. A special hot zinc spray treatment can be specified for extremely adverse environmental conditions.

Output is by means of a fitted socket outlet to BS4343 complete with dedicated pilot contact, but special versions are available for supplies to emergency vehicles and to hazardous areas.

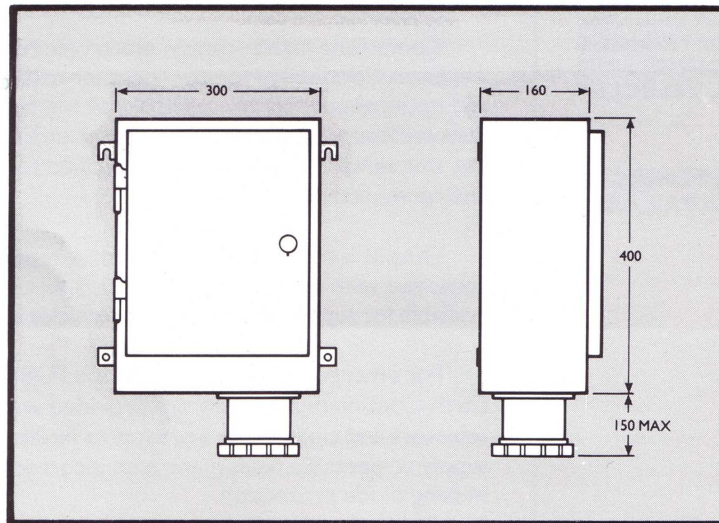


For emergency use, all units in the FDB 27 range containing Earth Continuity Monitors, are provided with diode polarity selectors and changeover switches to facilitate immediate power supply to portable equipment with incorrectly connected or missing diode protection.

As well as the standard combined RCD/ECM type, other versions can be supplied with choice of RCD or ECM protection only-the latter being recommended for essential supplies to radar cabins etc. A special "Malvern" type is also available for supplies to technical vehicles with high levels of inherent earth leakage current due to power line filters.

SPECIFICATION

- System Voltage : 220/240V, 380/415V, 50/60Hz
- Output/Socket Rating : 16Amps, 32Amps, 63Amps, 125Amps
- RCD : Standard Units 30mA +0, -10%
Malvern Units 20mA +0, -10%
- Earth Continuity Monitor : Adjustable type to BS4444 (see separate data sheet)
- Controls : Push Button Start/Stop or
Rotary ON/OFF switch
RCD and ECM test buttons
Fault indicator LED's
Internal/External diode selector switch
Polarity normal/reversed changeover switch
- Socket Outlet : To BS4343 - with dedicated pilot pin where necessary
- Enclosure : Steel, wall mounting with inner and outer hinged doors. (a rainwater canopy will be fitted to all enclosures specified for outdoor use).
- Finish : Hammer Grey - BS4800(10A07)



In line with our policy of constant improvements, we reserve the right to vary the specifications contained in this leaflet.

The services of our Technical support staff are available for assistance or guidance on earth leakage problems and possible solutions please contact us at:

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