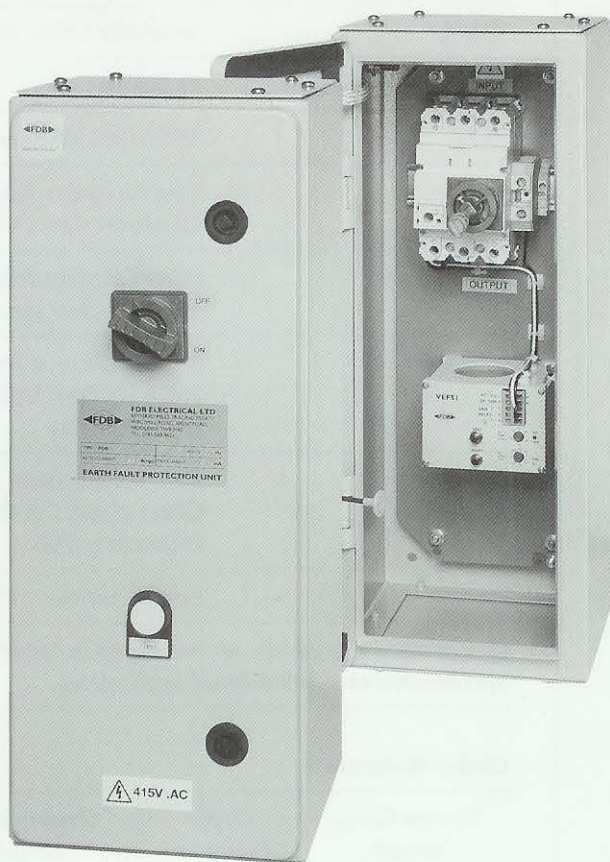


FDB 14 Adjustable RCCB



**ELECTRICAL
PROTECTION
FOR PROBLEM
INSTALLATIONS**

**CONSTRUCTION
SITES**

**MINES AND
QUARRIES**

**STAGE AND
FILM SETS**

**MOBILE PLANT
AND CRANES**

A range of heavy duty electrical protection units designed to overcome inherent earth leakage or inrush currents. The unit combines a variable sensitivity and time delay (see VEF4/5 Data Sheet) together with a triple pole MCCB to provide overcurrent (125A maximum) and short circuit protection (16KA).

The installation of this unit is recommended to achieve the optimum level of protection without the inconvenience of spurious tripping. Numerous applications throughout industry from construction sites, mines and quarries to the protection of stage lighting systems where thyristor spikes can trip conventional RCD's.

A standard feature of the FDB 14 is its non-fail safe operation ideal for primary breaker installations or those that are unmanned or prone to supply interruption. A fail-safe version requiring reset of MCCB on restoration of a supply interruption is also available.

Housed in robust, lockable steel enclosures to IP65, this range complements our standard RCD range and overcomes the difficulty of protecting problem installations.

NOTE: Overcurrent ratings above 125A please refer to our FDB19 data sheet.



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FDB I4 Adjustable RCCB

Specification

Voltage:	380/440V 50Hz TP + N
Ratings:	As Below
RCD:	To BS4293 (Where applicable)
Sensitivity:	Potentiometer Adjustable 20mA-2A over two built-in ranges
Time Delay:	Potentiometer Adjustable 20mS-2S over two built-in ranges
MCCB:	3 Pole, Current limiting type: 16KA IEC947-2/BSEN60947-2 (AC 50/60Hz)
Enclosure:	Zinc coated steel, Hinged door. Gland plates top & bottom Protection IP65
Finish:	Epoxy Powder - Mist grey (RAL 7032)

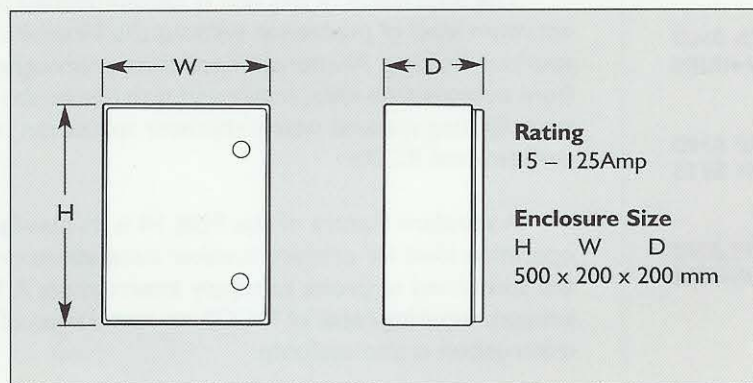
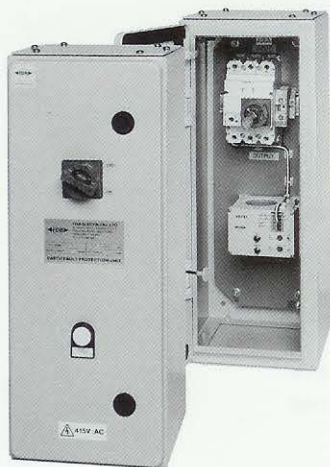
As with all our products, we are happy to tailor our standard specification to suit individual applications.

Order Reference

Current Rating (amps)	Order Reference	Current Rating (amps)	Order Reference
15	I4B15	125	I4B125
30	I4B30		
60	I4B60		
80	I4B80		
100	I4B100		

To specify fail-safe RCD please add suffix/FS to order reference.

FDB I4



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

FDB Electrical Ltd
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We manufacture a complete range of electrical safety products. Please contact us for further details.



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