

FDB 19 Heavy Duty 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 RCD (see EFU10/15 Data Sheet) together with a triple pole MCCB (minimum 15KA) to provide overcurrent and short circuit protection.

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 FDB19 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.



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FDB I9 Heavy Duty Adjustable RCCB

Specification

Voltage:	380/440V 50Hz TP + N
Ratings:	As Below
RCD:	To BS4293 (Where applicable)
Sensitivity:	Dip Switch Adjustable
Low:	10mA to 640mA in 10mA Steps
High:	100mA to 6.4A in 100mA Steps
Time Delay:	Dip Switch Adjustable 50mS to 3.15 Secs in 100mS Steps
MCCB:	3 Pole, Current limiting type: 15/35KA, BS4752
Enclosure:	Zinc coated steel, hinged door. Gland plates top & bottom Protection IP65
Finish:	Epoxy Powder – Mist grey (RAL 7032)

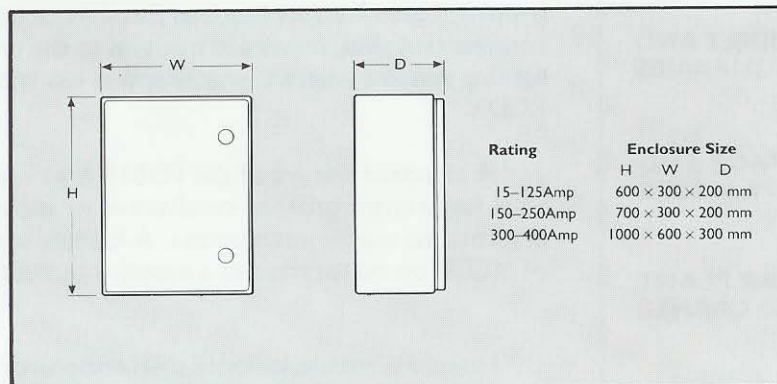
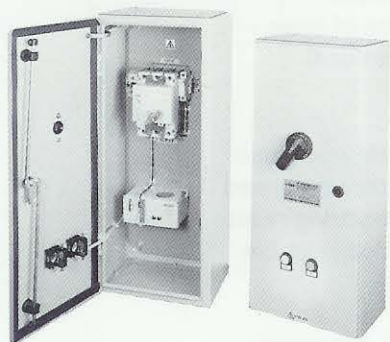
As with all our products, we are happy to tailor our standard specification to suit individual applications.

Order Reference

Current Rating (amps)	Order Reference	Current Rating (amps)	Order Reference
15	I9B15	125	I9B125
30	I9B30	150	I9B150
60	I9B60	200	I9B200
80	I9B80	300	I9B300
100	I9B100	400	I9B400

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

FDB I9



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

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



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