



H 8 2

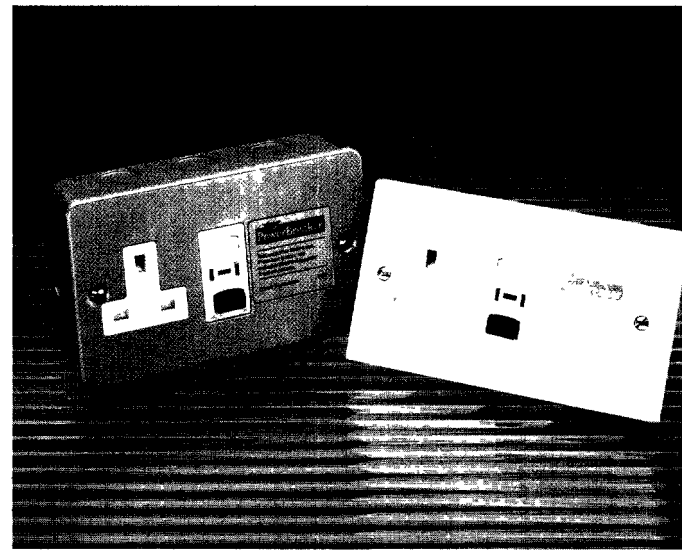
SAFETY RCD SINGLE SOCKETS

- Added protection against the risk of electrocution
- Suitable for use in all domestic, commercial and industrial environments
- Double pole, simple to install, fits in place of an ordinary twin socket outlet
- For flush or surface mounting

DESCRIPTION

The PowerBreaker Safety RCD Single Socket gives added protection against electrocution when using electrical appliances and equipment. It is a 13 amp RCD socket which provides double pole protection from earth leakage currents and it is wired like a standard socket.

The socket fits either flush or surface mounted standard 25mm accessory boxes, and is available in two standard finishes, white plastic or metal.



APPLICATIONS

Use in domestic, commercial and industrial premises where RCD protection is required. The H82 Single Sockets will directly replace a standard 13A twin socket.

The H82 offers permanent RCD protection and is a cost effective way to conform to the IEE Wiring Regulations in areas outside the equipotential zone (common earth point), for example the garage. Extra safety socket outlets are particularly useful in kitchens where liquids are often present, children's rooms, offices, test areas and localised work areas.

OPERATION

The PowerBreaker Safety RCD Single Socket will operate as a conventional socket outlet but will trip out if an earth leakage fault current is detected. The plug does not have to be removed to test and reset. To test, press white "TEST" button and visual indicator will change from red to white. Reset by pressing green "RESET" button.

H 8 2

REFERENCE CODES

White Plastic – H82W Display Pack

H82B – Surface Wall Box

Metal – H82M Display Pack

DIMENSIONS

H82W White 85.7mm x 146.1mm x 17.47mm (Max)

H82M Metal 90.75mm x 144.3mm x 57.4mm (Max)

TECHNICAL INFORMATION

Voltage 240V 50Hz

Current rating 13A (Max)

Rated trip current 30mA

Trip speed 40mS typical (complies to BS4293 1983)

Double pole contact break

Mechanically latching

Test/reset buttons

On/tripped indication by mechanical flag

Responsive to both positive and negative cycles

Incorporates radio frequency and transient voltage protection

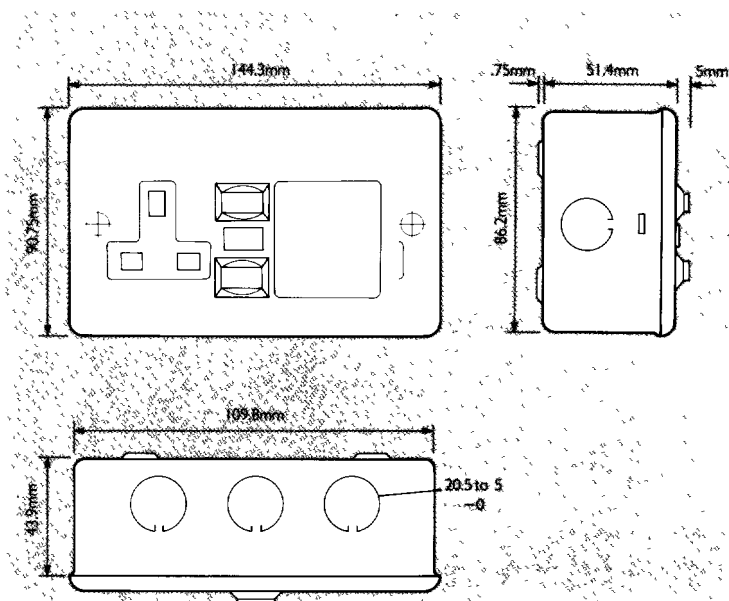
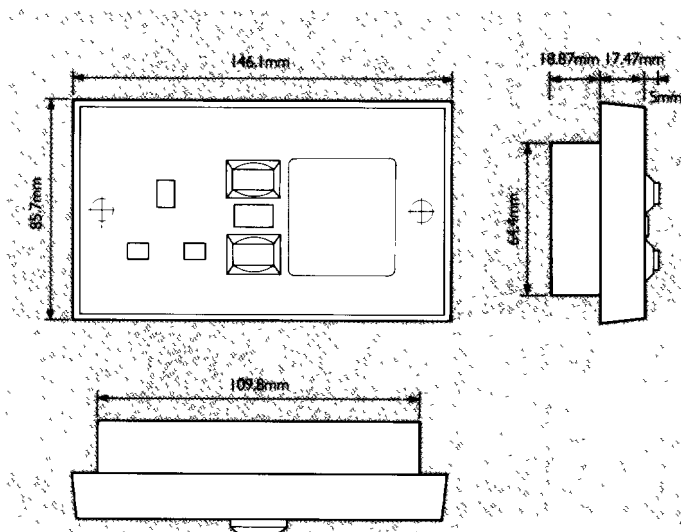
Responsive to lost neutral or earth

Unit responds if live and neutral input reversed

Responds to pulsating dc earth fault currents

Cable capacity 6mm²

Device needs to be disconnected from supply whilst conducting earth continuity/insulation resistance tests



WEIGHT

White 226 kg Metal 574 kg

STANDARDS

Manufactured and tested to the relevant clauses of BS1363 and BS4293

Guaranteed for 12 months