

PowerBreaker™

H 2 2

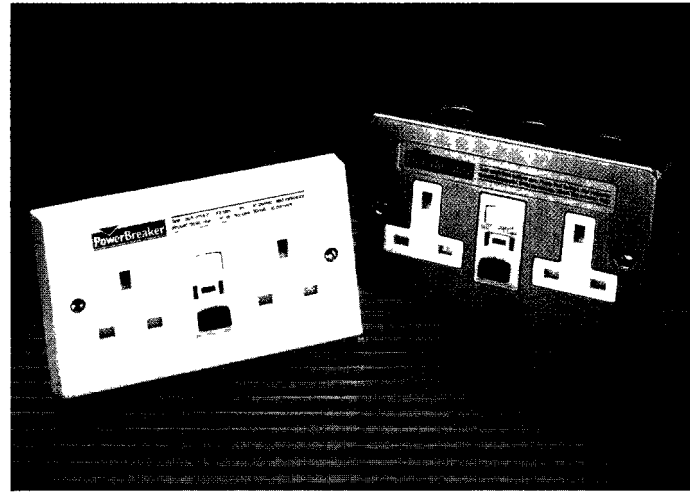
SAFETY RCD TWIN SOCKETS

- Added protection against the risk of electrocution
- Suitable for use in 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 H22 Safety RCD Twin Sockets give added protection against electrocution when using electrical appliances and equipment. It is a 13 amp RCD Twin Socket which provides double pole protection from an earth leakage current and is wired like a standard socket.

The Twin 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. This socket will directly replace a standard twin socket.

The H22 RCD provides permanent RCD protection. It 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, and children's rooms, where liquids are often present. As well as areas outside the house where electricity is required such as offices, test areas and localised work areas.

OPERATION

The PowerBreaker H22 Safety RCD Twin Sockets operate as a conventional socket outlet but trips out if an earth leakage fault current is detected. To test, press the white "TEST" button. The visual indicator will change from red to white. To reset depress the green "RESET" button and ensure indicator is red. Once tripped unit can be reset without removal of plugs.



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REFERENCE CODES

White Plastic – H22W Display Pack
 H22B White Surface Wall Box
 Metal – H22M Display Pack

DIMENSIONS

H22W White 85.7mm x 146.1mm x 17.47mm
 (Max)
 H22M Metal 90.75mm x 144.3mm x 57.4mm
 (Max)

TECHNICAL INFORMATION

Voltage 240V 50Hz
 Current rating 13A (Max) (total loading)
 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
 Device needs to be disconnected from supply
 whilst conducting earth continuity/insulation
 resistance tests
 Cable capacity 6mm²

WEIGHT

White .226 kg Metal .574 kg

STANDARDS

Manufactured and tested to the relevant
 clauses of BS 1363 and BS4293
 Guaranteed for 12 months

