

## TYPE A RCD SOCKETS

White Unswitched	Metal Unswitched	White Switched	Metal Switched
M22W	M22M	M22SW	M22SM

# SAFETYSURE

**PRO** SERIES by **GREEN BROOK**

### IMPORTANT - For your protection

This product should be installed by a competent person and in accordance with the current IET Wiring Regulations.  
If in doubt, consult a qualified electrician.

Electricity is dangerous and an RCD must not be used as a substitute for normal precautionary measures. Always disconnect from mains supply before any inspection or repair to equipment is carried out. Do not allow children to tamper with electrical devices.

This device will protect against live and neutral leakage faults to earth, it will not protect against electric shock due to contact with both conductors, short circuits between live and neutral, or a fault in the wiring supply to this device.

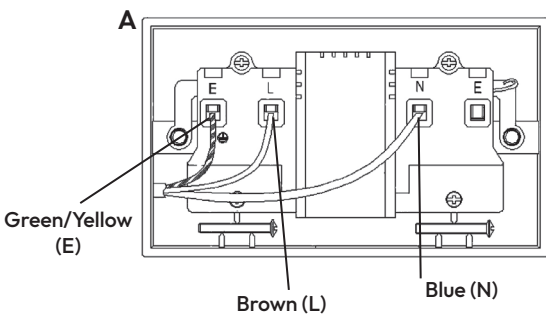
Should your SafetySure RCD socket, trip when first powered, repeatedly trip with an appliance connected or fail to trip when tested in accordance with the instructions, **Do Not Use**, please consult a qualified Electrician.

Type A RCDs are suitable for use with single phase supplies and applications with electronic components.,

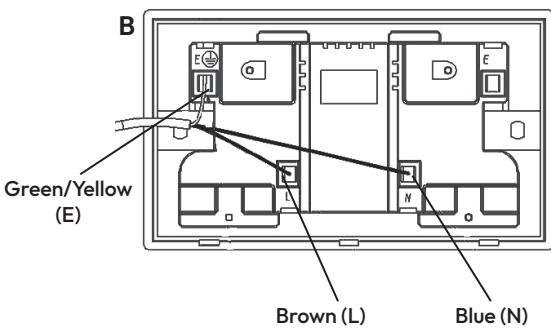
Type AC RCD should not be fitted upstream of a Type A RCD as the load characteristics of a Type A RCD could then impair operation of the Type AC RCD.

### TO FIT THIS SAFETYSURE RCD SOCKET -

Switch off the power supply at the mains in order to isolate the existing socket. Remove the old socket, then for the Unswitched models **M22W** and **M22M** simply connect using the wiring diagram **A** below.



For switched sockets **M22SW** and **M22SM** follow the diagram **B** below.



If earth conductors are bare, they must be sleeved with appropriate green/yellow sleeving.

If you are in any doubt about connecting this product consult a qualified electrician.

**N.B.** Green/yellow earth wire may be connected to either earth terminal. Wiring insulation tests should be completed before setting the SafetySure RCD Socket to avoid misleading instrument readings and possible internal damage to the unit.

### PLEASE CARRY OUT THIS SIMPLE TEST PROCEDURE PRIOR TO EACH USE.

1. Press green (R) ON button.
  2. Indicator window will turn red\*.
  3. Press white Test button (T).
  4. Red window indicator will disappear
- \*. This means the RCD has tripped successfully.
5. To reset - press green (R) ON button and use as a normal socket.
- \* If indicator fails to work, do not use and return to place of purchase.

**NOTE 1:**

If the red window indicator disappears once the socket has been reset and appliance is firmly plugged in the socket, this may mean that the appliance or the cable lead is faulty, and should be checked by a qualified electrician.

**NOTE 2:**

Remove this RCD from circuit before performing any high voltage insulation tests.

### TECHNICAL INFORMATION

Rated voltage:	230V AC 50Hz
IP Rating:	IP20
Maximum operating current:	Resistive Load:13A Inductive Load: 13A
Rated trip current:	30mA
Trip speed Typical:	30mS
RCD contact break:	Double pole
Rated Short-circuit breaking and making Capacity:	250A
Rated conditional short-circuit current:	1500A Power factor range .93 to .98
Terminal Capacities:	Upto 3 x 1.5mm <sup>2</sup> / 3 x 2.5mm <sup>2</sup>
Dimensions:	145mm x 85mm x 35mm
Conforms to:	BS7288:2016+A1:2022 & BS1363-2:2023

This socket has been designed for storage and use between -5°C and +40°C and at an altitude of no greater than 2000 metres above sea level. Care must be taken not to subject the unit to misuse, such as abnormal pollution by smoke, chemical or flammable fumes, salt laden spray, prolonged periods of high humidity or other abnormal conditions.

**NOTE:****Product & Packaging Disposal**

When disposing of this item and its packaging please follow local regulations and use an appropriate waste disposal centre.

See GreenBrook website for further details.

**GUARANTEE**

Your SafetySure RCD socket  
is guaranteed for 1 year from  
the date of purchase.  
This is in addition to your statutory rights.

**PLEASE KEEP THESE INSTRUCTIONS  
SAFE FOR FUTURE REFERENCE**