



# Electresafe® Powercentre with RCB0 Protection

Cat. REPC410, REPC415 & REPC410USB

## Instruction Manual



### 1 Instructions for use

- Step 1.** Uncoil lead fully from around base.
- Step 2.** Plug your Powercentre into a fixed powerpoint and turn the powerpoint on. Do not plug into an extension lead.
- Step 3.** Lift clear protective cover on side and ensure the RCB0 toggle is ON.
- Step 4.** **TEST THE RCB0 BEFORE EACH USE** by pressing the Test Button. The RCB0 toggle should immediately trip to the OFF position. If the RCB0 fails to trip OFF, after the RCB0 Test Button is pressed, do not use as the RCB0 may be faulty. Return to HPM for repair.
- Step 5.** **RESET THE RCB0** by simply switching the RCB0 toggle to ON.

Your Powercentre is now ready for use.

Simply plug in your tools and use as normal.

The RCB0 can also trip through overcurrent. If too many high current tools are plugged into your Powercentre the RCB0 will automatically cut off the power. To restore power (after removing the tool/s causing the overload) simply switch the RCB0 toggle, under the clear protective cover, to the ON position.

### 2 Ideal for

Ideal for construction sites and workshops. This product complies with both AS/NZS 3190 and AS/NZS 3012 construction site requirements for a Portable Socket Outlet Assembly (PSOA) and is IP33 rated.

### 3 Specifications

<b>Voltage:</b>	230-240V a.c. 50Hz
<b>Max Load:</b>	2400W 10A and 3600W 15A
<b>Lead:</b>	1.0mm <sup>2</sup> flexible heavy duty – 1.8m (10A) 1.5mm <sup>2</sup> flexible heavy duty – 1.8m (15A)
<b>Plug:</b>	Clear, fully moulded
<b>Rated Residual Current:</b>	30mA
<b>Typical Trip Time:</b>	30ms
<b>IP Rating:</b>	IP33
<b>USB output:</b>	5V d.c., 2 x 2.4A (REPC410USB model only)
<b>Classification:</b>	Type A, FS and Class H rating. Impact resistant material

### 4 Key features

- **Built in RCB0** (Residual Current Breaker with Overload) to provide both overload protection and protect against electrocution.
- **HPM Excel Double Pole Shuttered Outlets** for extra safety.
- Orange polycarbonate casing and orange lead are of heavy duty rating and highly visible for extra safety.
- Low cable entry and large base for better stability when in use.
- Lead can be fully wound onto unit for easy storage or transportation when not in use.
- **Plug 'Parking Clip'** feature to help prevent lead unraveling when not in use.
- **IP33 rated.**

## 5 What is an RCBO and how does it increase safety?

An RCBO (Residual Current Breaker with Overload) is a circuit protection device that combines the features of a RCD (Residual Current Device) and an MCB (Miniature Circuit Breaker).

## 6 What is an RCD (Residual Current Device)?

RCDs provide a fast power cut off to reduce the risk of electrocution. RCD protection helps protect people against electrocution by monitoring the power supply. If anything alters the flow of electricity, such as the appliance lead being damaged exposing a person to contact with live wires or if connected to faulty tools, the RCD will instantly (typically within 30 thousandths of a second) switch off the power.

Note: RCDs protect against faults to earth through the body, but do not provide protection against faults between active to neutral. In addition the supply lead of this product cannot be protected by the RCD function as this lead is upstream of the RCD circuitry.

## 7 What is an MCB (Miniature Circuit Breaker)?

An MCB device will protect your Powercentre from damage under overload conditions. If too many high current tools are plugged into your Powercentre (drawing more than 10A/15A) the overload device will automatically cut off the power.

## 8 Resetting the Powercentre

Should the Powercentre trip, the RCBO toggle under the clear protective cover will switch to the OFF position.

A trip may indicate that a connected device has a fault causing a leakage to Earth. In this case, all items connected to the Powercentre should be disconnected and tested prior to use.

Alternatively the trip may have been caused by an overload on the Powercentre. This may indicate that too many devices have been plugged into the Powercentre and you have exceeded the rated loading. Remove some load devices.

To restore power (after addressing the issue as described above) simply switch the RCBO toggle under the clear protective cover to the ON position.

## 9 Important

- If your Powercentre repeatedly trips or fails to trip when tested according to instructions, seek advice from your electrician or HPM. Do not attempt to use the tool without the Powercentre as a shock hazard may exist.
- Never plug your Powercentre into the socket of an extension lead. Ensure it is plugged directly into a fixed powerpoint, the extension lead can then be plugged into your Powercentre. Do not attempt to use the other way around, as the extension lead would not be protected.
- Do not misuse by dropping or immersing in liquid. Do not store or use in areas where the product is exposed to rain or other liquids. Keep away from oils, petrols and chemicals.
- Electricity can be dangerous. The use of an Powercentre is not a substitute for basic electrical safety precautions. Unplug tools to achieve isolation before any inspection or repair.
- Contains no user serviceable parts inside. Opening will void the HPM warranty.



### Warranty

HPM Legrand warrants this product for a period of 2 years from the date of purchase.

These goods come with guarantees that cannot be excluded under the Australian and New Zealand Consumer Laws. You are entitled to a replacement or a refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired if the goods fail to be acceptable quality and the failure does not amount to a major failure.

See the Warranty card enclosed with this product for further details.

### Customer Service

For all Customer Service and Technical Support please call Monday to Friday during business hours.

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