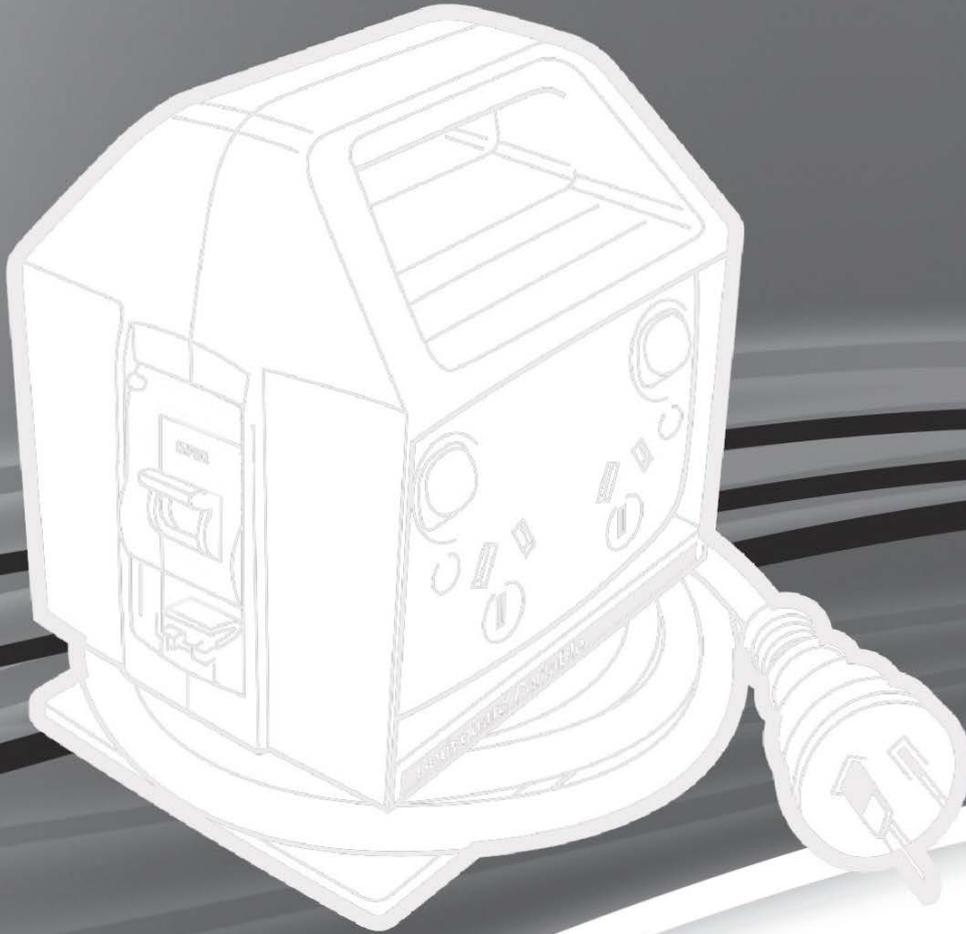


CLIPSAL[®]

by Schneider Electric



Clipsal Lifesaver[®] Portable Power Outlet with RCBO protection

485 Series



User Guide

1.0 Introduction

The Clipsal Lifesaver® 485 Series Portable Power Outlet with RCBO (RCD/MCB) protection is designed to help minimise the risk of electrocution or damage to equipment resulting from a short circuit, overload or earth leakage detected in equipment plugged into it. Use of this product should not preclude the user from using safe work practices.

Note: This product will not protect against electrocution if contact with active & neutral are made at the same time.

Note: This product will not prevent damage to equipment if the kA or voltage rating of the RCBO is exceeded, as could be the case in a lightning strike.

2.0 Safety

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- This product must only be serviced by an appropriately qualified &/or licensed electrical person
- Isolate the electrical supply to the product before servicing
- Ensure the product has been tested for safe operation after service & before connecting to electrical supply
- Do not use product if casing or cable insulation is damaged or cut
- Do not use product in wet conditions
- Do not immerse product in any liquid
- Do not use appliances or equipment plugged into the product if RCBO has tripped OFF during operation
- Only plug the product into a mains socket outlet and plug extension leads into the product
- Do not use the product if pressing test button on the RCBO fails to automatically turn OFF the RCBO

Failure to follow these instruction will result in death or serious injury.

Note: Severe penalties apply if electrical equipment is not serviced by appropriately qualified and/or licensed electrical personnel.

A qualified person is one who has skills and knowledge related to the construction, installation and operation of electrical equipment and has received safety training to recognise and avoid the hazards involved.

NOTICE

RISK OF EQUIPMENT DAMAGE

Do not repeatedly switch ON and OFF the RCBO on this product.

Failure to follow these instruction can result in equipment damage.

3.0 Operating Instructions

1. Uncoil the lead fully from around the base of the product.
2. Plug the product into a mains socket outlet & switch ON the mains socket.
3. Lift the flap on the side of the product and switch ON the RCBO (Fig. 1)
4. To confirm that the RCBO is functioning correctly, press the test button (Fig. 1). The RCBO should automatically switch OFF.
Note: If the RCBO does not automatically switch OFF refer to section 5.0 of this guide - Trouble Shooting.
5. Switch ON the RCBO switch (Fig. 1).
6. Close the flap on the side of the product to help protect the RCBO from water & dust ingress.
7. Electrical appliances or equipment can now be plugged into the socket outlets on the product for normal use.

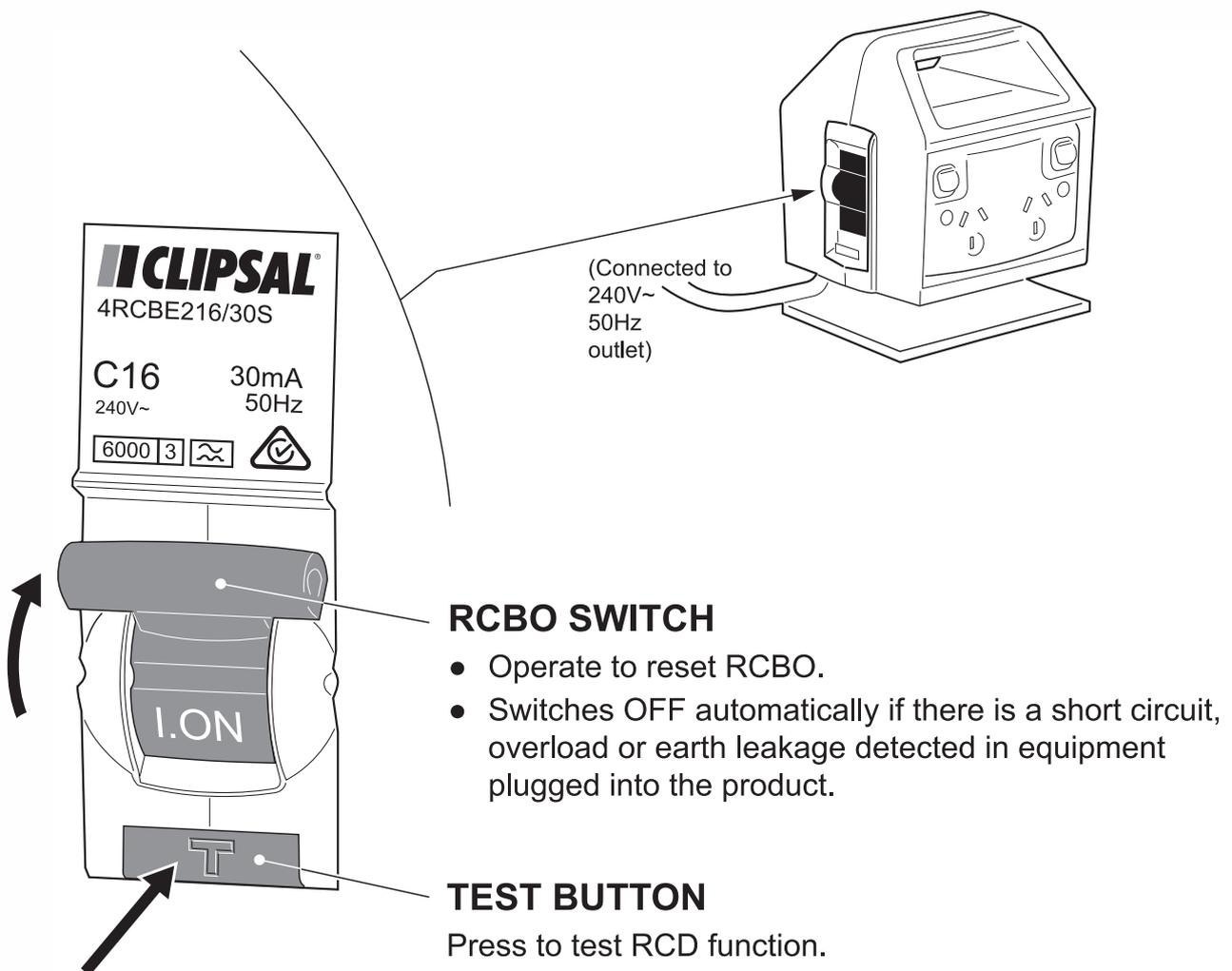


Fig. 1

4.0 Cleaning and Maintenance

To clean the product it is recommended to disconnect the product from the socket outlet and wipe down with a damp cloth. Allow product to dry before connecting to a mains socket outlet.

There are no user serviceable parts inside this product.

NOTICE

RISK OF CRACKING PRODUCT CASING

Do not use petroleum, alkalis, detergents or cleaning agents on this product.

Failure to follow these instruction can result in equipment damage.

5.0 Trouble Shooting

Problem	Possible Cause	Suggested Remedy
RCBO doesn't trip when tested	Product not plugged in or not switched on at mains socket outlet	Plug in product and switch ON mains socket outlet
	MCB or RCD upstream from product has tripped	Reset upstream MCB or RCD
	RCBO malfunction	Return to place of purchase for service / replacement. Proof of purchase may be request
No power available at outlets	Product not plugged in or not switched on at mains socket outlet	Plug in product and switch ON mains socket outlet
	RCBO tripped	Reset the RCBO by setting the toggle lever under the flap on the side of the product to the ON position
RCBO continually trips	One or more appliances connected to the product has a short circuit, overload &/or earth leakage problem	Disconnect all appliances connected to the product. Press the Test Button to confirm the RCBO is functioning correctly. Isolate the offending appliance(s) and/or consult a licenced electrician to service the faulty item(s). Do not continue to use the suspect appliance(s).
	Excessive earth leakage current resulting from an accumulation of minor leakages from a number of appliances	Reduce total earth leakage current by disconnecting one or more appliances.
	RCBO malfunction	Return to place for service / replacement. Proof of purchase may be requested upon arrival.

6.0 Technical Specifications

Operating Voltage	230-240V a.c.
Operating Frequency	50Hz
Operating Temperature Range	-10° to 55° C
Protection Device	RCBO (combination RCD/MCB)
Protection Type	Electronic
Tripping Time at Rated RCD Current	300 ms maximum for 30mA type 40ms maximum for 10mA type
MCB Tripping Characteristic	C-Curve
Socket Outlet Type	Double Pole, Shuttered Socket Outlets
Lead Type	Heavy Duty Flex
International Protection Rating	IP33
Compliant Standards	AS/NZS3100: Approval and Test Specification - General requirements for electrical equipment
	AS/NZS3190: Approval and Test Specification - Residual Current Devices (Current Operated Earth Leakage Devices)
	AS/NZS3105: Approval and Test Specification -Electric portable outlet device
	AS/NZS3112: Approval and Test Specification -Plugs and socket outlet
	AS/NZS3012: Electrical Installations - Construction and Demolition Sites (Class H Portable Socket Outlet Assembly (PSOA) for 30mA models only)
	AS/NZS3003: Electrical Installations - Patient areas of hospitals, medical and dental practices and dialyzing locations (E13 only)
	AS/NZS3191: Electric Flexible Cords

Specifications typical @ 240Va.c., 25° C

CAT NUMBER	Number of Outlets				Current Rating		RCD Trip Current		RCD Type	Class H Compliant	Cord Length	Power Available Indicator
	1	2	3	4	10A	15A	10mA	30mA				
Trade Professional / Home Handyman / General Use												
485P4CB30 - EO				✓	✓			✓	Type A	Yes	1.8m	Nb
485P4CB15/30 - EO				✓		✓		✓	Type A	Yes	1.8m	Nb
Hospital / Medical Applications												
E13 - EO				✓	✓			✓	Type A	Nb	1.8m	Yes
Accessories												
485FLAP -TR	Spare Flap (RCBO cover) to suit 485 Series											

Warranty

We warrant this product for 2 years—visit <https://www.schneider-electric.com.au/en/about-us/legal/terms-and-conditions.jsp> for details.

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

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