

# THERE'S A NEW LIFESAVER ON PATROL



**The new 2025RC Series Power Outlets**



# The perfect combination of safety and style.

## The New Lifesaver

Despite having one of the safest electrical systems in the world, accidents can still occur.

A faulty or poorly maintained appliance, a child that innocently pokes something into a power socket or cuts through an electrical wire, a frayed cord, wet hands or carelessness with power tools are all situations that can lead to tragedy.

The high level of protection offered by safety switches is well documented and they are now mandatory in every new home.

The Clipsal Lifesaver Range is renowned for being at the forefront of RCD technology, and now with the release of the 2025RC, there's an exciting new Lifesaver on patrol.

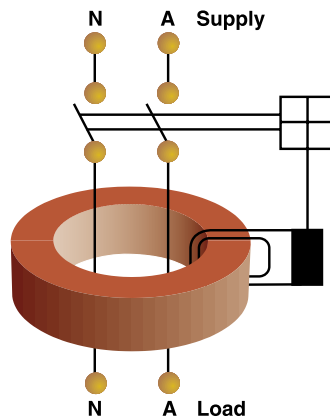
The new Lifesaver 2025RC offers the best of both worlds, the protection and security of the Lifesaver Range together with the fashion and flexibility of our 2000 Series products.

There's even a 10mA version, the 2025RC10, that has been specially designed for use in hospitals and similar locations.

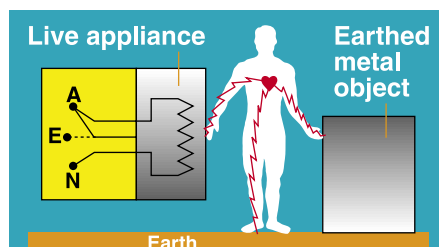
### How RCDs work

An RCD constantly monitors and compares the current flow in both the Active and Neutral circuits of an electrical installation.

### Toroid Mechanism



During normal operation, these Active and Neutral currents are in balance. However, should any current flow to earth, an imbalance is sufficient (30mA), the 2025RC will cut the electrical supply in less than 40 milliseconds, perhaps the most important fraction of a second in someone's life.



### Additional Benefits

Besides the protection from electrocution that a Lifesaver Power Outlet offers, it will also cut off power to your expensive electrical equipment in the event of an electrical fault to earth. This protects your appliances from costly damage and the installation against fire resulting from faults of this nature.

An advantage of the Lifesaver 2025RC is that it offers a simple method of individual circuit protection. This means that in the event of a fault, only the directly affected outlets are disconnected.

With a single Safety Switch (RCD) protecting the whole installation, not only is the device more likely to trip from an accumulation of minor leakages, but, if it does trip, all the circuits will be disconnected.

The 2025RC Lifesaver Power Outlet can also be used to test appliances for faults.

### Easy Installation

The 2025RC Lifesaver Power Outlet is easy to install, fitting all standard mounting brackets and accessories.

In most cases it can replace all existing power outlets and, if wired correctly, the 2025RC will offer the same high level of protection to all "downstream" outlets on the same circuit.

## Where a Lifesaver should be installed

A vast majority of electrical appliances are used in areas like kitchens, bathrooms, laundries, workshops and garages. The possibility of faulty appliances and cords together with the dangers of moisture and humidity make these ideal places for a Lifesaver 2025RC. In areas where children play too, a Lifesaver Power Outlet could prove to be the investment of a lifetime.



## Features of the 2000 Series

The main features of the 2000 Series that have led to its success are its outstanding flexibility and adaptability.

The secret is in the unique grid assembly and surround design concept.

All standard pattern grid assemblies will fit any of the surrounds, giving a fully interchangeable, coordinated range which is equally at home in any installation.

The 2000 Series fits all standard pattern mounting accessories, so you can replace any existing switch or socket with a 2000 Series model.

The clip-on surrounds conceal all mounting holes, and can easily be removed when painting or decorating.

The 2000 Series is more than just a range of electrical accessories. They have been designed to be an important part of your home décor, like your light fittings, furnishings and floor coverings.

## This Lifesaver is fashionable too

The 2000 Series is totally compatible with other products and accessories in the Clipsal 2000 Series.

As with other 2000 Series products, the 2025RC is available in a variety of finishes to enhance, contrast or complement any décor.

Four colours are available as standard, White, Soft Grey, Cream and Desert Sand.

A range of other colours and finishes are also available. Please refer to the Trade Product Guide for any surcharges that may apply.

### WARNING

The Clipsal 2000 Series Lifesaver Power Outlet only protects against shocks from current passing through the body to earth, the cause of the vast majority of electrocutions.

Complete protection under all circumstances is not possible from this or any other device.

## Operating instructions and testing procedure

### To test unit

- 1 Firmly press TEST button.
- 2 The POWER AVAILABLE LED will go out and RESET button will protrude.

**Note:** When the unit is tested, it fully checks the operation of the 2025RC by introducing an actual leakage into the detection mechanism.

### To reset unit

- 1 Firmly press RESET button.
- 2 The POWER AVAILABLE LED will light up.

**Note:** When LED is illuminated, further operation of the "Reset" button will have no effect.

POWER AVAILABLE LED



### WARNING

The 2025RC and 2025RC10 have been designed to operate at no more than 4 reset and 4 test cycles per minute. Do not exceed these limits.

*The 2025 models are safety devices and should be tested at least once a month.*





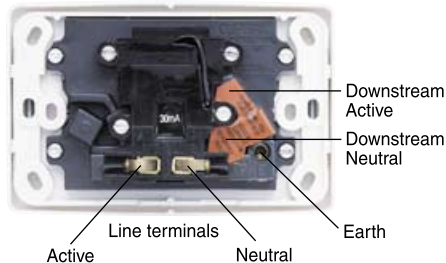
## All the Lifesavers in the club

Since the late 1970s, and the development of our famous safety switches, Clipsal have led the way in the development of electrical safety products. Our Lifesaver Range of products now includes portable plug tops, power outlets, plug adaptors, heavy duty cord sets and cable reels, all designed for your protection and peace of mind.



## Connection details

Remove label for access to downstream terminals



## SPECIFICATIONS: 2025RC & 2025RC10 POWER OUTLETS

Input Voltage	Nominal 250 volts, 190 to 260V
Frequency	50Hz
Operating temperature	-10°C to +55°C
Sensitivity variation related to load current	Unaltered up to 20 amps
Maximum load current	20 amps
Sensitivity recovery after high through current	Excellent
Rejection of Harmonic and electrical noise	Excellent
Unit disconnection time	<40mS
Tripping range @ 10mA	110V to 260V
Prospective short circuit current	3000 amps for 40mS (unit must be protected by 20A max. MCB)
Test facility	Test button induces leakage for full circuit test
Number of poles on switching elements	Single pole switch on sockets Double pole switch on Residual Current module
Number of power outlets	10A sockets 1 set of socket terminals at rear of unit.
Case materials and colours	Impact resistant polycarbonate 4 standard colours; White Electric(WE), Desert Sand(DS), Soft Grey(SG), Cream(CM) Additional colours are available at surcharge. Rear of unit is dark grey.
Mounting	Identical mounting to Clipsal 2000 Series twin switched sockets
Dimensions	Height 74mm Depth 40mm Width 116mm Weight 0.14kg Mounting centres 84mm
Complies with	AS3190
Approval Number	S/1/2025RC Series
Sensitivity Rating at 50Hz	
2025RC (general use)	30mA
2025RC10 (hospital use)	10mA

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