



Residual current devices (RCDs)

All home sellers and landlords must ensure that RCDs are installed in accordance with the Wiring Rules to protect all power points and lighting circuits.

RCDs save lives

RCDs cut the electricity supply instantly if a person touches a live part and receives a shock. By installing two or more RCDs, the property's circuits can be divided evenly between them, ensuring some light and power remains if one RCD operates. Multiple RCDs also avoid nuisance operation caused by appliances with low-level leakage currents. All properties constructed after 2000 should already have two RCDs fitted.

Homes for sale

If you are planning to sell your home, RCDs must be fitted to protect all circuits supplying power points and lights before the land title is transferred. If two or more RCDs protecting all power points and lighting circuits are not installed, you will need to engage a licensed electrical contractor to install them to comply with the Wiring Rules (AS/NZS 3000).

Renting a home

Landlords must ensure RCDs are installed in accordance with the Wiring Rules on the switchboards of their rental premises. If RCDs are not fitted, tenants should contact the managing agent or landlord and request that RCDs be installed as required.

Number of RCDs

The regulations require RCDs to be installed on the main switchboard in accordance with the Wiring Rules. Two is a required minimum but more than two may be needed. A licensed electrical contractor will install the correct number and rating of RCDs to ensure your premises complies with the regulations.

Testing RCDs

All RCDs have a test button (the round blue buttons in the illustration) which should be pressed every three months as a minimum to verify they are functioning properly. When the button is pressed, the RCDs switch should snap into the 'off' position instantly.

Moving the RCDs switch back into the 'on' position can be done immediately. You may wish to switch off your computing equipment before doing the test. Timing devices and clocks will need to be reset.



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