

THE NEXT GENERATION IN EARTH LEAKAGE PROTECTION

RCD DUO

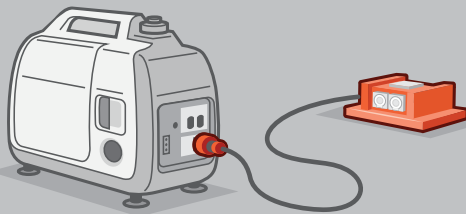
There are many situations where a traditional RCD or RCBO does not offer protection.

A traditional RCD isolates power when there is a current imbalance between the active and neutral conductors (fault to earth). To do this the RCD generally relies on good earthing integrity and a low earth impedance.

The Powersafe RCD DUO offers a much broader range of protection by operating in various earthing environments. The RCD DUO is designed to isolate power in the occurrence of a fault to earth on multiple earthed neutral (MEN) and IT type systems.

The RCD DUO is connected to the earth circuit, which however is not required to be earthed, so the need for earth staking generators is a thing of the past. Generally at 40 volts (the potential point to electrocute) the device will trip at 10mA. This can be altered to meet the application at the point of assembly. Unlike many other devices on the market the RCD DUO has no relays or coils with moving parts and therefore is not subject to vibrations caused by generators and transportation.

- Earth Fault Protection on IT, TT & MEN type systems
- RCBO monitors current imbalance 30mA
- ESD monitors rise of voltage and current on earth
- 10kA MCB Protection
- Fits in standard din cover



Did you know?

Did you know that portable RCD boards will not protect you on most portable generators?

The RCD DUO combines a traditional RCBO and a unique Earth Sensing Device which physically monitors the earth circuit for voltage and current.

Single Phase Protection: 10kA

- MCB protection (overcurrent)
- RCD protection (in MEN systems)
- ESD Protection (voltage and current on earth)
- Size: 3 module (54mm)



SPECIFICATIONS

Description	Current Rating	Part Number
DUO 1P+N 10kA C10	10A	DUO C10 10KA
DUO 1P+N 10kA C16	16A	DUO C16 10KA
DUO 1P+N 10kA C20	20A	DUO C20 10KA
DUO 1P+N 10kA C25	25A	DUO C25 10KA
DUO 1P+N 10kA C32	32A	DUO C32 10KA

Three Phase Protection: 10kA

- All the advantages of the single phase model
- Can be paired with either MCB or RCD
- Added protection against phase loss
- Size: 4 module (72mm)



SPECIFICATIONS

Description	Current Rating	Part Number
DUO ESD with C20 10kA 3 Pole MCB	20A	DUO 415 C20
DUO ESD with C32 10kA 3 Pole MCB	32A	DUO 415 C32
DUO ESD with C63 10kA 3 Pole MCB	63A	DUO 415 C63

RCD DUO Plug n Play

As a power board manufacturer, Powersafe also offer the RCD DUO in power boards that are Australian certified and fully approved - providing you with a full plug-n-play solution with earth leakage protection.



Inline RCD DUO

Protection for generators and inverters

The Powersafe Inline RCD DUO™ Adaptor is designed as a plug and play personal protection device.

- H Class
- IP44 for indoor and outdoor use
- Portable and lightweight
- Window is pad lockable
- Two year warranty
- Australian made



Australian certified PRCD (AS3190, AS3100) for construction sites.

[Click for EESS Certification No. TUV024618.](#)

RB4 AND RB6 DUO

240V single phase power boards fitted with the RCD DUO

These heavy duty IP66 power boards come fitted with the RCD DUO™ Earth Safety Device the next generation in earth leakage protect

- Braided earth screened lead
- Windows are pad lockable
- All boards are built by Australian electricians
- Entire board has been tested to IP66 not just the outlets
- Plug and go design no hardwiring required
- Mounting holes to enable permanent mounting



Regulatory Compliance Mark (RCM)

Australian certified PSOA with Earth Safety Device (AS3012, AS3190) for construction sites.

[Click for EESS Certification No. TUV022213.](#)

MADE TOUGH FOR AUSTRALIAN CONDITIONS

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PRODUCTS

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