Industrial Mobile Residual Current Protection Distribution Box



Overview

Our transportable RCDs (Residual-Current Devices) are modular protection units designed for mobile use. They can be flexibly integrated into existing power distribution systems and provide reliable protection for people and equipment—wherever electrical energy is used on the move. Contact us for sales and pricing information. Why SENTRON residual current protective devices?

SENTRON RCDs combine residual current detection and. Modular residual current devices (MRCD) are used to protect against residual currents, if residual current circuit-breakers cannot be used due to the high load currents or mains voltages. Suitable for residential, commercial, and industrial installations, RCDs continuously monitor. ABB's Control Room offering includes a comprehensive range of solutions designed to optimize the operator workspace for critical 24/7 processes across various industries.



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Article Content

Oct 13, 2025

Safety & grid technology | DISTRO-DIRECT

The PRCD-S is an all-pole switching portable RCD circuit breaker with electronic fault evaluation for use on socket outlets with unknown protection measures,

Aug 01, 2025

Residual Current Devices (RCDs)

An accurate protection of people and electrical equipment against leakage currents can be achieved by installing Residual Current Devices (RCDs).

Jun 11, 2026

07_INT RCDs EN dd

In only one module width, these DIN rail residual current circuit-breakers with overcurrent protection offer a technologically advanced and comprehensive range with outstanding features, sizes, tripping

Oct 30, 2025

Rc Ds | Residual Current Devices For Circuit Protection | CEF

Suitable for residential, commercial, and industrial installations, RCDs continuously monitor current flow and trip when an imbalance occurs. Available in various current ratings and sensitivities, they are

Jan 13, 2026

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

For circuit overcurrent protection and the residual current protection of devices and services, there are the MDC 45, MDC 60 and MDC 100 compact residual current circuit breakers with overcurrent

Mar 09, 2026

Types of Residual Current Devices (RCD)

RCD Classifications For domestic applications only the first five of the below listed residual current devices (RCD) need to be considered. For industrial

Aug 27, 2025

Transportable RCDs – Mobile Residual Current Protection

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Transportable RCD units for mobile power distribution, offering reliable residual current protection on temporary power systems. Available in RCD Types A, B, F and tailored trip thresholds for safe event,

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Rc Ds | Residual Current Devices For Circuit Protection | CEF

RCDs RCDs (Residual Current Devices) are vital safety components designed to quickly disconnect electrical circuits when they detect earth leakage, helping to prevent electric shock and reduce fire

May 04, 2026

What a residual-current device is and how it works

What is an RCD? A residual current device is a protective device that automatically cuts off the power supply when it detects an abnormal current

Sep 30, 2025

SENTRON residual current protective devices (RCD)

Achieve space savings with a compact solution for residual current and line protection. Add a 5SM6 AFD unit for protection against fault currents, overcurrent, short-circuits and arcing faults in just two

Sep 07, 2025

DDA800 range

We provide integrated products, services and solutions to help customers in the cement industry optimize their power and productivity resulting in increased availability and lower lifetime investment

Jan 27, 2026

Layout 1

An independently mounted device incorporating residual current protection, without overcurrent protection, and capable of giving a signal to trip an associated switching device.

Oct 20, 2025

HS437 Residual Current Devices Guideline

Always use residual current devices (RCDs) with portable electrical equipment, including extension cables. This guideline provides more information on RCD protection.

Aug 11, 2025

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Renegade Industrial 10Amp RCD 4 Outlet Portable

These superb quality Renegade Industrial portable safety boxes are fully approved to Australian standards & offers RCD (Residual Current Device) protection – the

Nov 29, 2025

Transportable RCD – Modular Safety for Mobile Power Distribution

Our transportable RCDs (Residual-Current Devices) are modular protection units designed for mobile use. They can be flexibly integrated into existing power distribution systems and provide reliable

Dec 13, 2025

A complete guide to Residual Current Devices (RCDs)

Also known as a Residual Current Breaker (RCB) or Residual Current Circuit Breaker (RCCB), they are primarily designed to protect against electric

Mar 09, 2026

Residual-current device

A residual-current device (RCD), residual-current circuit breaker (RCCB) or ground fault circuit interrupter (GFCI) is an electrical safety device, more specifically a

Mar 10, 2026

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The queries vary greatly and cover all aspects of inspection and testing, from the initial verification process of domestic installations to the periodic inspection of major industrial installations. In this, the

Aug 29, 2025

RCD Handbook 2018

RCD Type F: RCD for which tripping is achieved as for Type A and in addition: for composite residual currents, whether suddenly applied or slowly rising intended for circuit supplied between phase and

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Modular residual current

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If unplanned shutdowns of electrical systems are undesirable because they can lead to production downtime and possibly damage to equipment, modular residual current devices (MRCDs) are the

Dec 05, 2025

Residual Current Protective Devices

Residual Current Protective Devices Technology primer Whether for protecting, switching, monitoring or measuring – low-voltage circuit protection devices from Siemens perform a wide range of functions

Jan 22, 2026

Residual current monitoring in an industrial environment

ELCOME dear friends of protection, control- and electrical engineering. In our new, very interesting guest article by Roland Bürger (MBS

Oct 12, 2025

RCD Handbook 2018

A circuit-breaker providing overcurrent protection and incorporating residual current protection either integrally (an integral cBr) or by combination with a residual current unit which may be factory or field

Contact Us

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