



IMK CONTAINERS

# Earth leakage breaker factory in Sao-Paulo





## Overview

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How does an earth leakage circuit breaker work?

Our earth leakage circuit breaker is generally composed of a ZCT (Zero-phase-sequence Current Transformer) + Earth leakage relay + Circuit breaker. The ZCT detects earth leakage current, notifies the electronic circuit, and shuts off the circuit using an internal tripping device.

Are earth leakage circuit breakers safe?

Earth Leakage Circuit Breakers or ELCBs provide the utmost safety for you and your space by preventing earth faults from your equipment. With the right installation process and ELCB quality, you can be assured that your residential, commercial, or industrial space is safe from potential electrical shocks and damages.

What are the different types of earth leakage circuit breakers?

There are two types of earth leakage circuit breakers—a voltage ELCB and a current ELCB. The working principle of a voltage ELCB is straightforward. One terminal of the relay coil connects to the equipment's metal body, while the other terminal connects directly to the earth.

What is an earth leakage circuit breaker (ELCB)?

The earth leakage circuit breaker (ELCB) is used to protect persons against electric shock hazards and to prevent a fire. This also have the same function as MCCB. This kind of breaker is ELCB rated 225 Amp and less, and is available to protect a motor and the associated wiring or conductors.



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[Earth Leakage Circuit Breaker \(ELCB\): Working ...](#)

Earth Leakage Circuit Breaker or ELCB An Earth-leakage circuit breaker (ELCB) is a safety device used in electrical installations (both residential and commercial) with high Earth impedance to prevent electric ...

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#### **Advanced ELCB MCCB 4p 125 Earth Leakage Protection Circuit Breaker**

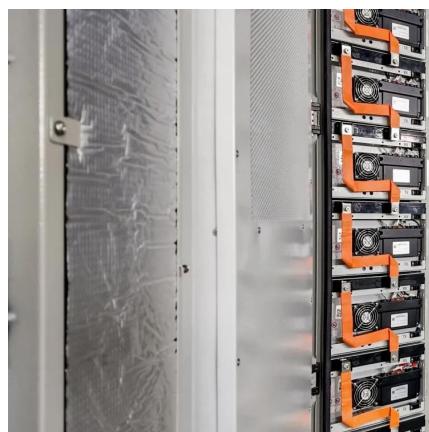
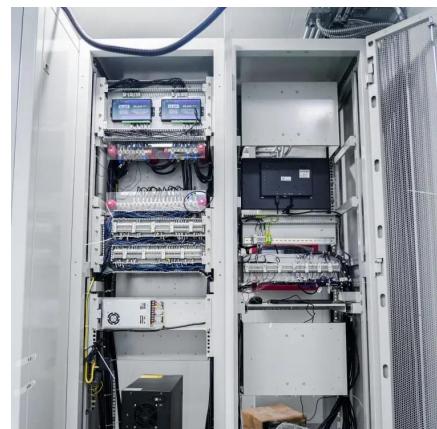
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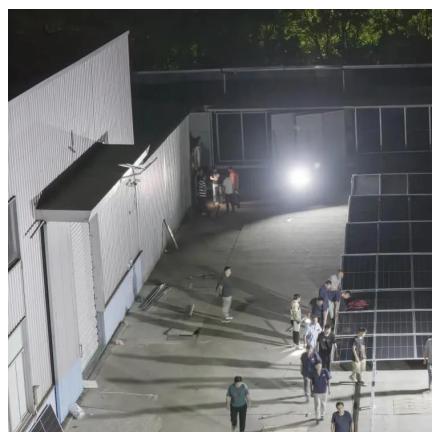
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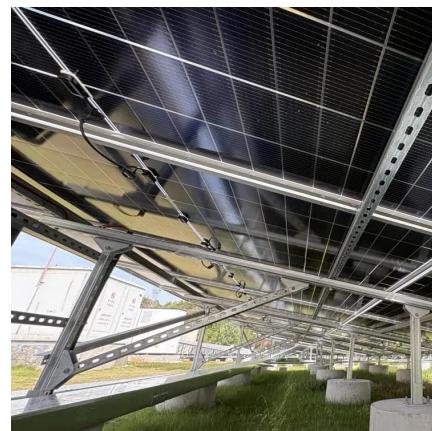


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Earth Leakage Circuit Breakers (ELCBs) are electrical devices designed for your safety and protection from potential electric shocks. This electrical device detects small stray ...

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