

**NKOSITHANDILEB SOLAR**

# **High quality outdoor breaker in Ireland**



## Overview

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What is an outdoor circuit breaker?

**Outdoor Circuit Breaker** – Outdoor Circuit Breakers are designed to provide robust and reliable protection for medium to high voltage power systems in harsh outdoor environments. Engineered with durable materials and advanced technology, these breakers ensure safe interruption of circuits, protecting infrastructure and minimizing downtime.

What is a 145kV circuit breaker used for?

It is ideal for use in electrical grids with a maximum voltage of 145kV and a rated frequency of 50Hz. This circuit breaker is used to interrupt rated currents, fault currents, or to switch circuits, providing essential control and protection for power systems. It is also suitable for use as a link breaker in network interconnections.

What is a vacuum circuit breaker?

**Vacuum Circuit Breakers (VCBs)** are advanced, high-performance devices designed for reliable interruption of medium to high voltage circuits. Utilizing a vacuum as the arc extinguishing medium, VCBs offer superior arc quenching capabilities, long service life, and minimal maintenance requirements.

What type of gas does a circuit breaker use?

The circuit breaker uses SF<sub>6</sub> gas as the insulation and arc extinguishing medium. During operation, the three-pole SF<sub>6</sub> gas of the circuit breaker is connected, and a pointer-type density relay is used to monitor its pressure and density progress.

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### **NKOSITHANDILEB SOLAR**

Phone: +27-11-934-5771

Email: [info@nkosithandileb.co.za](mailto:info@nkosithandileb.co.za)

Website: <https://www.nkosithandileb.co.za>

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