

# 12kV Nuclear Safety Switchboard

This 12kV switchboard is engineered for use in nuclear power stations. The TKHD2 is designed to meet Level-1E Class-K3 nuclear safety standards.



## Product Overview

### High-Reliability Nuclear Safety Distribution

The TKHD2 series is a specialized 12kV switchboard engineered specifically for high-stakes nuclear power station safety distribution systems. Designed to meet Level-1E and Class-K3 safety standards, it provides critical power delivery to emergency plant equipment within nuclear island facilities. This robust solution leverages advanced technology to ensure maximum operational reliability and safety in demanding environments.

## Technical Specifications

### Suitable Applications

- Nuclear power station safety distribution systems
- Million kilowatt generator power supply
- Emergency plant equipment power supply

Rated Voltage	12 kV
Safety Classifications	Level-1E, Class-K3

## Operational Features

### Operational Interface

- Integrated control switches
- Operational monitoring meters
- Status indicators
- Protection relays

### Design Advantages

- Modular design for scalability
- Customizable configurations
- Robust construction for harsh environments