

# Metal-Clad AC Switchgear

This metal-clad AC switchgear is designed for receiving and distributing power in three-phase AC 50Hz systems. It is suitable for use in power plants, substations, industrial and mining enterprises, and high-rise buildings.



## Overview

### High-Performance Power Distribution

The KYN28A-12 series is an armored removable AC metal-clad switchgear designed for three-phase AC 50Hz power systems. It provides a compact and safe solution for receiving and distributing power while offering comprehensive control, protection, and monitoring of circuits. Ideal for power plants, substations, and industrial enterprises, this switchgear ensures high safety standards and easy maintenance for critical infrastructure.

## Technical Standards

### Compliance Standards

IEC298, GB3906, IEC62271-200, DL/T404

## Safety & Interlocking

### Interlocked Safety Functions

- Prevention of loading pulling circuit breaker handcart
- Prevention of closing circuit breaker in unsafe conditions
- Prevention of closing circuit breaker when earthing switch is closed
- Interlock with energization

## Electrical Specifications

### System Frequency

**50 Hz**

Rated Frequency

## Compatibility

### Compatible Circuit Breakers

- VD4 vacuum circuit breaker
- 3AE series
- HVX series
- Domestic VS1 vacuum circuit breaker

## Application Areas

### Application Environments

Power Plants • Substations • Industrial Enterprises • Mining Enterprises • High-rise Buildings

## Design Features

Construction Type	Armored removable AC metal-clad
Maintenance & Safety	Compact structure with high safety and easy maintenance