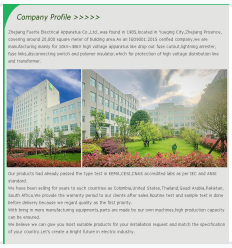
MERHEIN
Technical Datasheet

17 April 2026

Polymeric Post Insulator 10kV-36kV

Polymeric insulators provide insulation and mechanical support for overhead power lines. These post type insulators are housed in silicone rubber and rated from 10kV to 36kV.

ADDITIONAL IMAGES



Product Overview

High-Performance Polymeric Insulators

These polymeric insulators are engineered for reliable electrical insulation and mechanical support in overhead distribution and transmission lines. Housed in durable silicone rubber, they offer superior resistance to environmental stressors including moisture, corrosion, and aging. Designed for versatility, this series supports pin, post, and suspension configurations across a voltage range of 10kV to 36kV.

Technical Specifications

Voltage Rating

10 kV	36 kV
Minimum Voltage	Maximum Voltage

Key Material Properties

Water-proof • Anti-ageing • Tracking-proof • Anti-corrosion • Anti-impulse • Shaking-proof

Available Configurations

- Pin type
- Post type
- Suspension type

Physical Characteristics

Feature	Benefit
Housing Material	Silicone Rubber
Weight	Lightweight design
Installation	Easy installation
Mechanical	High-strength

Compliance Standards	IEC61109, IEC61952, ANSI C29

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