

# Oil-Immersed Capacitive Potential Transformer

This oil-immersed capacitive potential transformer is designed for accurate voltage measurement in high-voltage power systems. The transformer utilizes a capacitive voltage divider and an oil-filled insulation system to provide reliable and precise voltage transformation.



## ADDITIONAL IMAGES



## Product Overview

### Professional High-Voltage Potential Transformation

The Oil-Immersed Capacitive Potential Transformer is engineered for precise voltage measurement within demanding high-voltage power systems. Utilizing advanced capacitive voltage divider technology combined with a robust oil-filled insulation system, this equipment ensures reliable performance for metering, protection, and control applications. Its anti-pollution design makes it highly suitable for harsh environmental conditions in transmission and distribution substations.

## Technical Specifications

### Available Models

- TYD35/ 3-0.01(0.02)H
- TYD330/ 3-0.005(0.01)H

### Rated Phase Voltages

- 35/ 3kV
- 330/ 3kV

### Coupling Capacitance

- 0.01(0.02)  $\mu$ F (for 35kV model)
- 0.005(0.01)  $\mu$ F (for 330kV model)

### Design Features

Oil-Immersed, Capacitive Voltage Divider, Anti-pollution Type

## Applications

### Common Applications

- Power System Metering
- Grid Protection
- System Control
- Power Quality Analysis