Railway solutions
With Relion® 670 series.

The RER670, railway protection IED, is part of the highly successful Relion family of products.

Relion RER670 applications include protection, control and monitoring of AT and BT catenary systems, single and double phase power transformers, single and double phase transmission lines, and incorporate control and communication functionality based on IEC 61850 edition 2. The RER670 is designed to be used on 16.7 Hz, 50 Hz and 60 Hz networks.

With over 150000 Relion devices installed globally, RER670 has a robust family history and is a testament of the trust that has enabled numerous users to secure their power infrastructure.

**Line protection**
- Line distance protection
- Scheme communication
- Fault location
- Back-up protection
- Synchrocheck and auto-reclose

**Catenary protection**
- Catenary distance protection for 2 catenaries
- Scheme communication
- Fault location
- Back-up protection
- Synchrocheck and auto-reclose

**Transformer protection**
- Transformer differential protection
- Transformer under impedance protection
- Restricted earth fault protection
- Transformer tank overcurrent protection
- Transformer energization control (16.7 Hz)
- Back-up protection
- Synchrocheck

**Control and monitoring**
- Control for up to 15 apparatuses
- Tap changer control and supervision
- Circuit breaker monitoring
- Monitoring of power system harmonics