
Relion® 670 and 650 series

The power of one solution for protection and control

The Relion® 670 and 650 series protection and control IEDs (Intelligent Electronic Device) provide versatile functionality as well as maximum flexibility and performance to meet the highest requirements of any application in generation, transmission and sub-transmission protection systems.



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GRID AUTOMATION

The power of one Relion® 670 and 650 series



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The power of one solution for protection and control

ABB grid automation delivers substation automation, high-voltage protection, control and monitoring solutions for today's power networks, ensuring they are ready for tomorrow's challenges.

ABB's portfolio of reliable, innovative products are based on more than a century of practical, real-world experience in the electricity sector.

Our solutions for digital substations and smart grids capture real value, and make ABB the ideal partner for power sector customers around the world.

The Relion® series offers a standardized library of functionality on a high performance, common hardware architecture, and provides the flexibility and configurability to suit any application area.

With its proven reliability, high accuracy and high performance operation, the Relion® series of protection devices can be used for the most demanding applications for your power system network.

More than 100,000 proven units in operation worldwide
With Relion® protection and control IEDs, we offer proven reliability, high accuracy and high performance operation. Relion® series devices can be used for the most demanding applications for your power system network.

10,000 measurements a second protecting digital substations

Constant monitoring & protection of your primary equipment. Gain detailed information about your system and equipment with constant monitoring at a tens of thousand resolution - enabling instant reaction times for primary equipment protection & control.

1,000 technicians creating advanced utility technologies

Shaping digital substation automation technology. With 1,000 technicians shaping digital substation automation technology, you can be assured that your critical components have been developed to the highest standards and tested to guarantee a long operational lifetime.

100 years of industry experience & knowledge

Supporting utilities industry. ABB has been making products specifically for the utilities industry for over a century; this gives peace of mind that when you choose Relion® you are buying the best solution for your protection and control requirements.

10 years of setting the standard for IEC 61850

A decade of setting substation standards. We have been instrumental in creating a single electrical substation automation protocol. As a full member of the International Electrotechnical Commission we have been key in the development of the IEC 61850 standard.