System Protection
Makes sure the power flow is only interrupted when absolutely required

Standard monitoring, control and measurement functionality gives you a perfect overview about the status of your distribution network. Adding the protection applications will make sure the power flow is only interrupted when absolutely required, assuring highest reliability and quality of service for your own customers.

With the increasing amount of renewable energy resources in the grid, the need for accurate selectivity was never higher. This makes our distribution automation protection system the perfect fit for renewable integration applications.

Profit from unseen reliability, selectivity and simplicity for your grid.

**Functions**
- Remote monitoring, control, measurement and protection
- Fault Detection, Isolation and Restoration of Power (FDIR)
- Low and medium voltage energy measurements with highest accuracy
- Advances fault location information for system restoration and verification
- Transfer-trip to prevent unwanted islanding

**Benefits**
- Utilize existing infrastructure to its full potential
- Accurate situational awareness within the distribution network
- Improve operational efficiency
- SAIDI (System average Interruption Index)
- SAIFI (System Average Interruption Frequency Index)
- Minimize outage time
- Reduce non-technical losses
ABB Distribution automation systems improve grid reliability and efficiency; giving you control of the grid, anywhere, any time. We enable you to see inside your grid, with more than 100 years of experience in substation automation, communication and protection. ABB delivers a comprehensive range of automation products, solutions and systems for basic to advanced power distribution networks, renewable power integration and battery storage systems.