REMOTE TERMINAL UNIT

Intelligence distributed across your power grid.

RTU500 series
The RTU500 series is suitable for the future requirements of the automation market. It offers a future proofed and reliable series of products.

Our RTU500 series brings the information from the physical power grid to your SCADA system. The modular Remote Terminal Units (RTU) are designed to meet your needs in transmission and distribution automation, enabling you to have the most efficient solution for your requirements. As with many of ABB’s products our RTUs have been designed from the ground up with strong and resilient cyber security enabling you to communicate securely via all forms of networks – offering peace-of-mind and confidence in your network. Functional and hardware extensions can be realized easily and the complete series can be quickly engineered to your needs using our proven software tool enabling greater flexibility and cost savings in training.
Intuitive insight for distribution systems.
RTU520 product line

Distribution automation product for power grids
Interface with your SCADA to obtain a complete understanding of the status of your grid on a distribution level with RTU520. Allowing for the simple integration of renewables into your existing networks.

Low power consumption saves costs for uninterruptible power supply and makes your installation greener.

Highly customizable design enables the adaptation of input and output modules based on your application requirements.
Technology translator for past and future system integration.

RTU540 product line

Gateway product for distribution and sub-transmission
Bridge old and new technology and combine existing devices and new standards protocols (such as IEC 61850) in one substation automation system.

The high-quality, compact metal housing includes input and output modules which lead to space savings in the control cabinet.

RTU540 incorporates advanced features like programmable logic control and a human machine interface allowing for instant insight into the status of the unit.
Superior scalability for grid automation and control.

RTU560 product line

Substation automation product for transmission and sub-transmission

RTU560 represents high-end network interfacing – offering maximum flexibility with the highest number of supported protocols for sub and host communications.

Designed to handle the highly complex systems in grid automation and control interfacing. RTU560 connects to all kinds of IEDs, parallel I/Os, serial connected and communication via IEC 68150. All this real time data can then be transmitted to your central SCADA systems for critical actions – protecting your primary equipment from overloading of the grid.

Optimise your investments with our long life cycle policy and benefit from our agile migration concept.
Contacts

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