

SMS 510

For Substation Monitoring



...Your eye into the power process...

The SMS 510 Substation Monitoring provides **an overall substation monitoring system** that gives **essential information about your electrical transmission and distribution process**. This information consists of all measured and calculated data, such as indications, settings and diagnostic information available from ABB's protection and control terminals.

...Flexible monitoring solution...

SMS 510 is a new product for Substation Monitoring which allows **the users to configure the entire system themselves**. SMS 510 is ideal for creating tailor-made solutions to fulfill your specific requirements. SMS 510 has been designed to take advantage of the Windows technology – providing a well-structured navigation and easy-to-use tool.

...Expandable...

SMS 510 supports the ABB range of products with SPA or LON communication. It can easily be expanded from a stand-alone portable PC to a larger Substation Monitoring System, and stepwise upgraded to a full-fledged Substation Automation system. SMS 510 is also fully consistent with CAP 501 and CAP 505 stand-alone tool packages as well as the LIB 500 application libraries.

Cost-efficient substation monitoring – intelligent investment!

SMS 510 can be used either locally at the station or remotely via a modem. Using a public telephone network or a standard TCP/IP network for remote use, SMS 510 provides you the most cost-efficient way to realise substation monitoring.

Compatible with your earlier investment

The SMS 510 Substation Monitoring System is the successor of the proven SMS 010 substation monitoring packages. To secure your earlier investment, SMS 510 provides advanced import and export facilities ensuring continuity with your existing SMS 010 applications.

SMS 510 Technology Summary

Supported protection and control terminals

- The entire SPACOM range
 - The Multipurpose Relay Series REJ/REU
 - The REF 541/543/545, REM 543/545 and REC 523 Integrated Protection and Control
 - The new REX 521 Feeder Protection Relay
 - The 500 Series Integrated Protection and Control Terminals for transmission applications
 - The RE_216/316 range
 - The REB 500 Busbar Protection Terminal
- Future products from ABB

Main features

- All tools and documentation in one CD
- Import and export facilities for reuse of existing SMS 010 applications
- Local or remote workplace support
- Flexible tree-structure navigator
- General parameter setting support, either locally stored files or downloadable files
- Easy switching between verified setting groups or setting banks
- Automatic or manual collection of disturbance recorder data with scheduler facility
- Flexible authorisation handling
- Supports time synchronisation of protection and control terminals
- Excellent commissioning tool
- Versatile integration of disturbance data evaluation tools of your choice
- Integrated self-supervision system with diagnostics facility
- LON and SPA communication supported
- Automatic dial-up of substations
- Supports the use of several languages
- Easy to upgrade

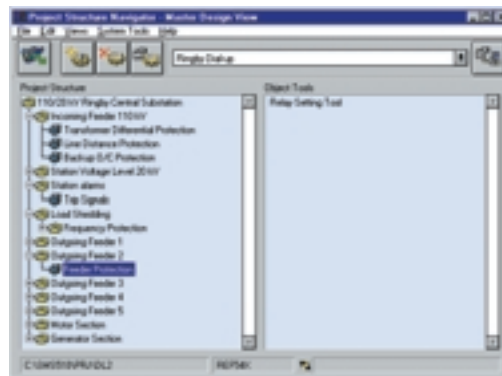


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