The well-proven REB500 busbar and breaker-failure protection is now also available as 16.7 Hz version for both centralized and decentralized arrangements.

Basis of the 16.7 Hz version is the hardware and software of REB500 50/60 Hz

Same hardware incl. input transformers

Modular concept

User-friendly human machine interface

Well-proven protection algorithms

Future development consistent with REB500

Comprehensive functionality of REB500 included
REB500 16.7 Hz is not a specially designed solution but an adaptation of a renowned standard system.

This solution has also convinced the Swiss Federal Railways (SBB).

Thus when it came to the replacement of the well-proven INX2 installed in 1978 at their 132kV substation Muttenz, they have decided in favor of a REB500 16.7 Hz system.

The system comprises busbar and breaker-failure protection, end fault protection, overcurrent protection, disturbance recording (current) as well as event recording and will be commissioned by end 2002.

For more information please refer to the responsible ABB sales engineer for your country or to the address mentioned below.

Standard functions:
- Busbar protection
- Dynamic Isolator replica
- Event recording
- Disturbance recording (current)
- Test generator
- Isolator supervision
- Trip redirection
- Time synchronisation
- Remote HMI

Optional functions:
- Breaker-failure protection
- End fault protection
- Overcurrent protection
- Overcurrent check feature
- Voltage check feature (special)
- Neutral current detection (special)
- Pole discrepancy protection
- Disturbance recording (current, voltage)
- Communication interface

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