



MAXCONTROL

Global & Modular Brake System

The new locomotive brake system family **MaxControl** (former CCB-3) is the latest brake control system specially designed for the chinese market. MaxControl has been designed from the outset as a modular kit for complete locomotive brake systems which also complies to the TJ/JW-100.

Customer benefits

- Improved mission reliability
- Life-cycle cost reduction
- Improved diagnostics
- Safety certification for global use
- Improved configurability
- Shorter lead times
- Higher accuracy control
- State-of-art mechatronic LRUs

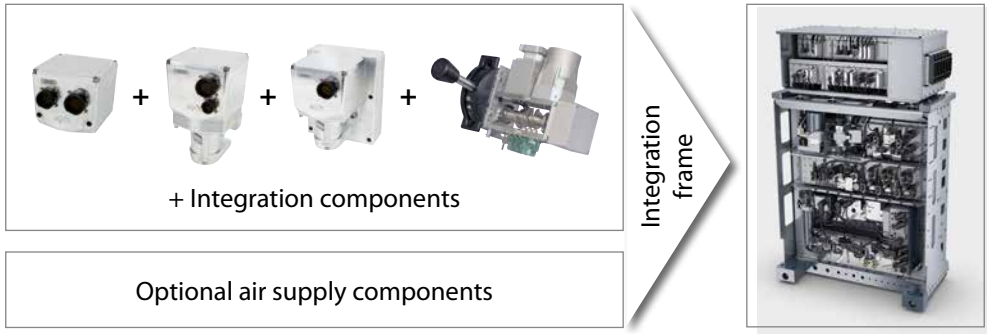
Locomotive Applications

- AAR China



KNORR-BREMSE

MaxControl Loco Brake Control Kit



Same envelope and common interfaces enable quick adaption of the brake system to different market needs

Customer Benefits

Design and integration

- The local experience of Knorr-Bremse has been used to develop MaxControl for locomotive builders and operators in china
- The brake system interface to the locomotive can be standardized for individual loco builders
- Highly standardized modules with fewer variants
- Enhanced on-site configurability
- For export, future variants for UIC and AAR markets are intended to minimize adaption efforts for Loco builder
- The pipework will always be on the rear for similarity of installation

Improved reliability and safety

- MaxControl offers significant improvement in mission reliability by using latest technology and sophisticated system architecture
- Meets EN5012x Safety Standard

Reduced life cycle costs

- Improved maintainability
- Standardized modules → less inventory
- Improved diagnostics and service access
- Unsurpassed support in the field
- Active obsolescence management
- Best-in-class overhaul



AAR ■ UIC ■ China ■

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 NEW YORK AIR BRAKE

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