

MAXCONTROL

Global & Modular Brake System

MaxControl (former CCB3) is the designated successor to the proven CCBII and MBS (UIC) product families. The core components and architecture are derived from the technical specifications of the latest generation brake developed by Knorr-Bremse, including the latest technologies in electronic components, system architecture and integration. MaxControl has been designed from the outset as a modular kit for complete locomotive brake systems which considers variations according to TJ/JW-100 standard.



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



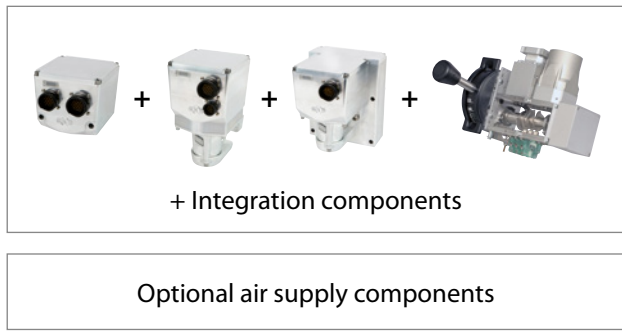
Locomotive Applications

- 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

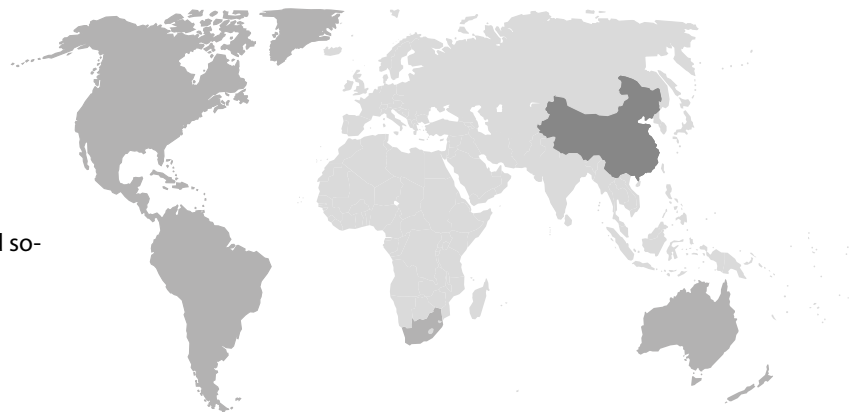
- The local experience of Knorr-Bremse has been used to develop MaxControl for locomotive builders and operators in china
- The brake system interface to the locomotive can be standardized for individual loco builders
- Highly standardized modules with fewer variants
- Enhanced on-site configurability
- 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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