

Brake Control Panel



Description : The brake module supplies the output pressure (BC) through a main relay valve which is piloted by an electro-pneumatic circuitry (magnet valves and pressure transducer operated in closed loop by the BCE).

Application : Semi High-Speed Train / Metros

Key Benefits of Product :

- Twin Pipe Brake architecture
- Designed for Bogie control configuration
- Primary braking is Electro-dynamic brake, followed by Electro-Pneumatic Friction brake after the Electro-dynamic brake fade-off
- In the event of EP brake system failure, there exists back-up brake system – the control is by means of Brake Pipe control for Pure Pneumatic friction braking
- EP Microprocessor controlled brake system
- Compact Panel Design with integrated Reservoirs and ballast hit protection

Standards Compliance :

- Shock and vibration : IEC 61373
- IP 65 : BS EN 60529
- Operating voltage : 12 VDC to 110 VDC, Acc. EN 50155
- Max. speed : 180 kmph
- Total weight : 305 kgs. (Approx.) w/o insulators
- Max. operating : 10 bar
- Working temperature : -10°C to +70°C
- Frame : Painted Carbon Steel
- Reservoirs : Stainless Steel

References :

- Indian Railways
- Lucknow Metro, India
- Kochi Metro, India
- Mumbai L-3, India

