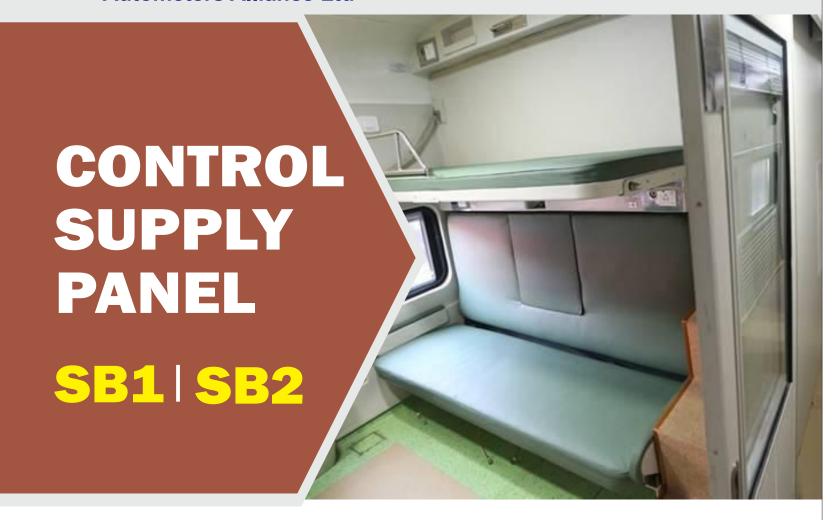


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Control Panel (SB1, SB2) used to control the various function of Locomotive. Control panel provide interface to locomotive device like Pantograph, Traction Converter, Auxiliary Converter, Pneumatic Panel as well as to the control electronics.

Salient Features

- Equiped with all necessary protection device for locomotive auxiliary equipment.
- Provide interface between control electronics and other devices.
- Equipped with switchgear for battery charger, DC-DC converter, earthing fault, fire detection etc.
- Easy front access to all the devices fitted in the panel.
- · Front side glass window for inspection.
- Marking of each wire for identification.
- Easy maintenance.
- Ease in user interface.





APPLICATIONS

Control Panel is used for controlling and protection of VCB, Auxiliary Converter, Traction Converter and other related accessories inside the Locomotive.

TECHNICAL SPECIFICATIONS

Construction All parts are made by high grade

stainless steel including hardware.

Panel access Accessible parts like circuit breaker

enclosed with insulated cover to protect electrocution. Provided transparent glass inspection window.

Cable harness Electron beam cross linked

insulation, special cable used in

internal wiring.

Component identification Metallic label with white colour text for

clear identification of component

inside panel assembly.

Maximum rated voltage Upto 110VDC, 415 VAC.

Earthing Earthing connection provided

between electrical equipment to

panel.

Cooling Natural air cooling.

Panel layout engineering For electrical parts fitments and

wiring latest engineering practice followed in design so as to perform reliable in traction application.





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