



Autometers Alliance Ltd

CONTROL SUPPLY PANEL

SB1 | SB2



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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