



Autometers Alliance Ltd

FILTER CUBICLE



Filter Cubicle (FB) is a panel with surge arrester, current sensor, contractor, capacitor etc. It control flittering high frequency harmonics induced from the primary of the main transformer.

Salient Features

- Equiped with all necessary protection device for locomotive auxiliary equipment
- Side window for inspection and
- Easy maintenance
- Marking of each wire for identification
- Ease in user interface
- Special door key lock used for panel



APPLICATIONS

Filter Cubicle Panel is used for filtering high frequency harmonic induced from primary of the main transformer.

TECHNICAL SPECIFICATIONS

Construction	All parts are made by high grade stainless steel including hardware.
Panel access	Accessible parts like contactors, capacitors completely enclosed in panel. Large front door provided with special key lock for maintenance.
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, 1150 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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