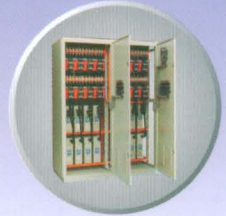
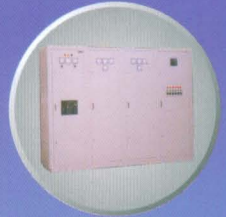
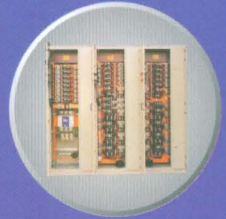




LOW VOLTAGE SWITCHGEAR



Integrated Management
Certified
ISO 9001-2008
ISO 14001-2004
ISO 18001-2007



JEI Switchgear (Pvt) Limited

Technical Assistance from:
Schneider
Electric

LOW VOLTAGE SWITCHGEAR

JEI is equipped with the design & manufacturing facilities for the complete line of low voltage switchgear serving the needs of industrial, commercial & medical complexes, comprising of Factories, Mills, High Rising Multi storey Plazas, Hotels, Banks, Hospitals, Markets & Residential Dwellings.



JEI products meet the National & International Electricity Codes & Standards. Products are tailor-made according to the specific requirements of customers & conforming to the National & International standards. Our products are highly cost-effective & ensure maximum safety & fail-safe operation during its life span. After fabrication the sheet metal enclosures, chemically Degreased, Derusted & Zinc Phosphated to protect against the evolutive corrosion. The enclosures are finally finished with electrostatic dry polyester powder coating to give pleasing appearance & longer protection in harsh atmospheric environments.

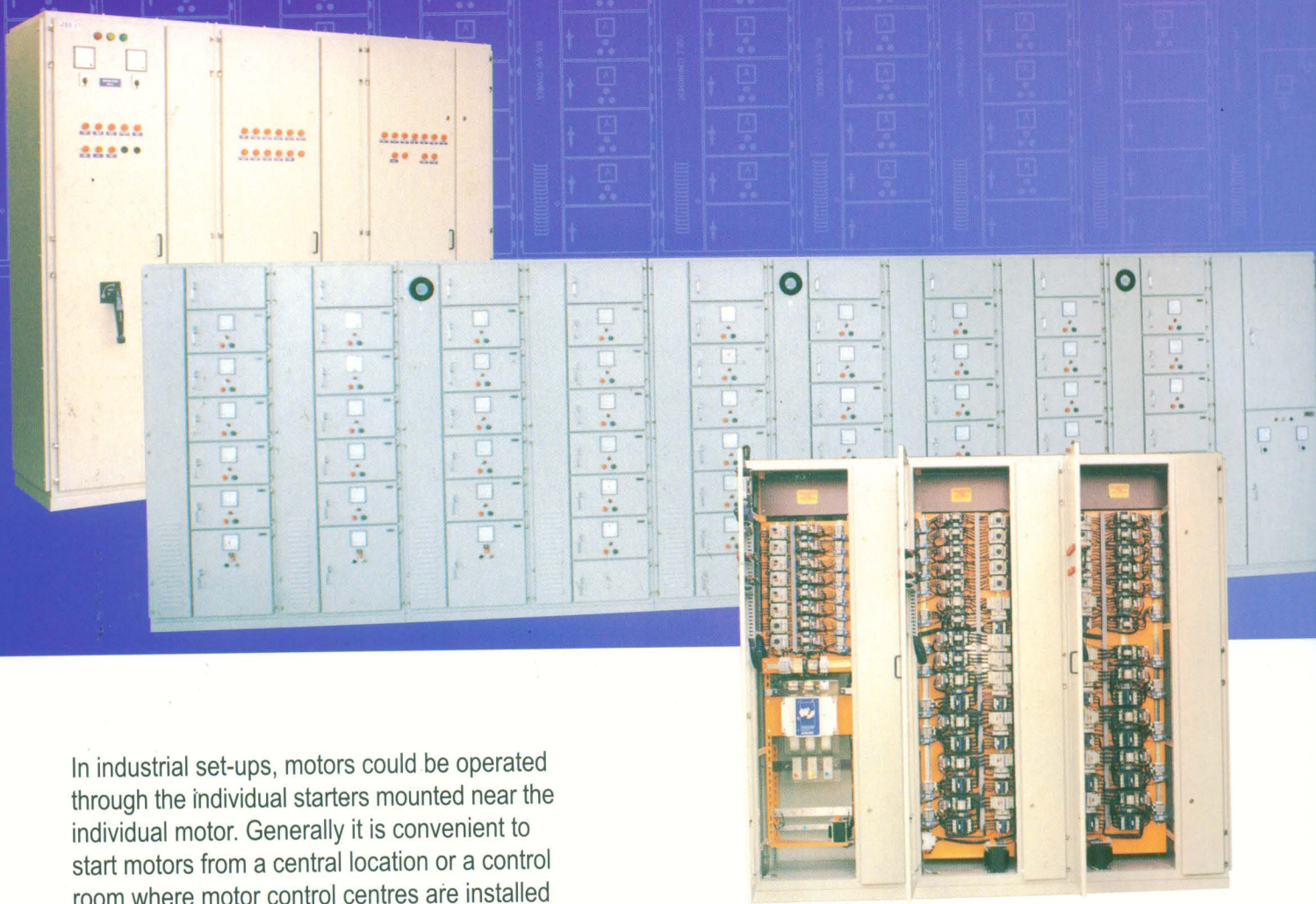
Our products have to pass through stringest quality tests, before leaving our works. For a specific application, our valued clients are benefitted with the well-engineered & cost-effective switchgear with state of the art configuration. We affirm our commitment to produce quality equipment with a trouble-free performance & longer life expectancy.

MAIN POWER DISTRIBUTION (LT) PANEL



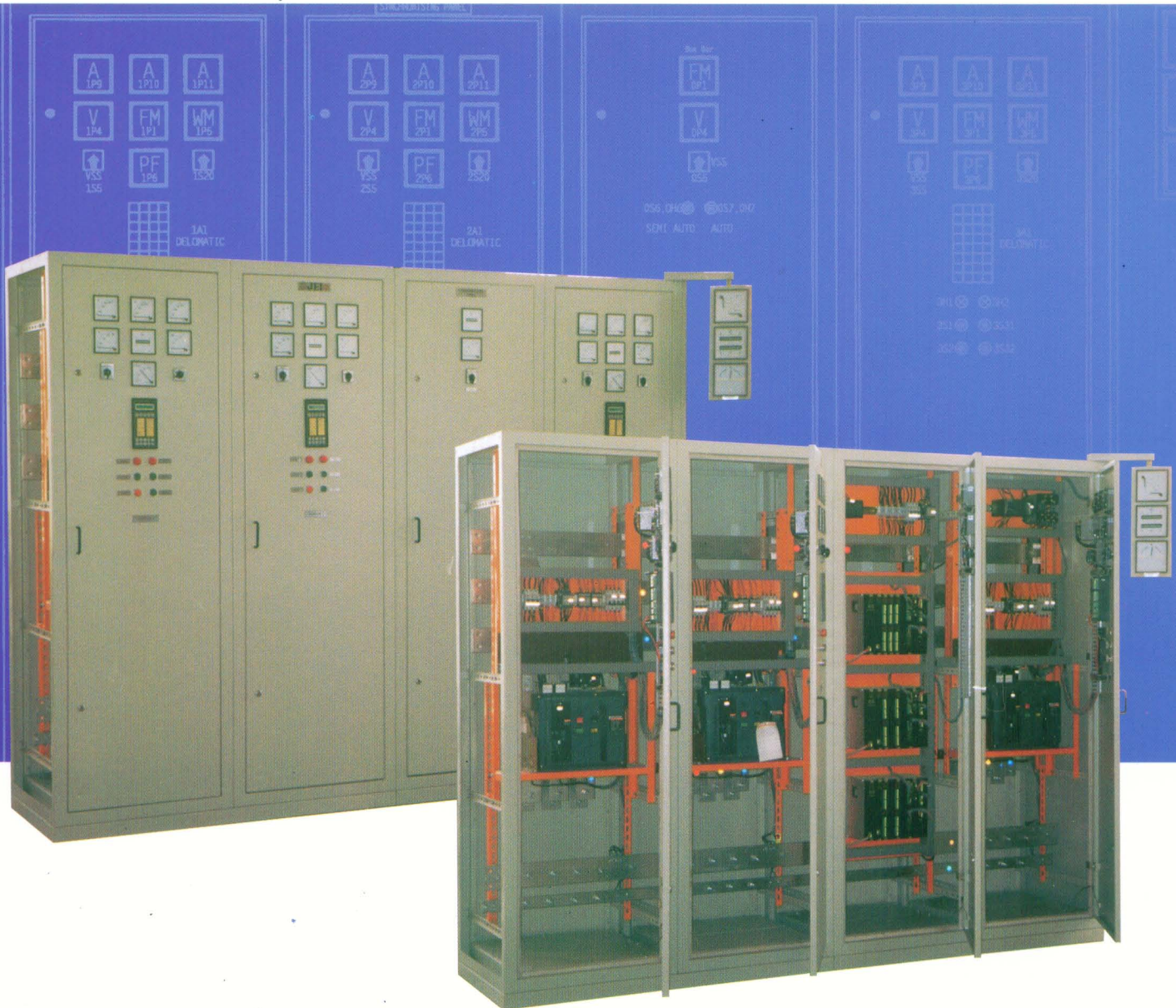
Main Power from the source is handled in by the Main Power Distribution Panels through the Air Circuit Breaker & distributed to various loads through the branch circuit breakers. All cubicles are equipped with metering along with add on facilities for the future load-growth.

MOTOR CONTROL CENTRE



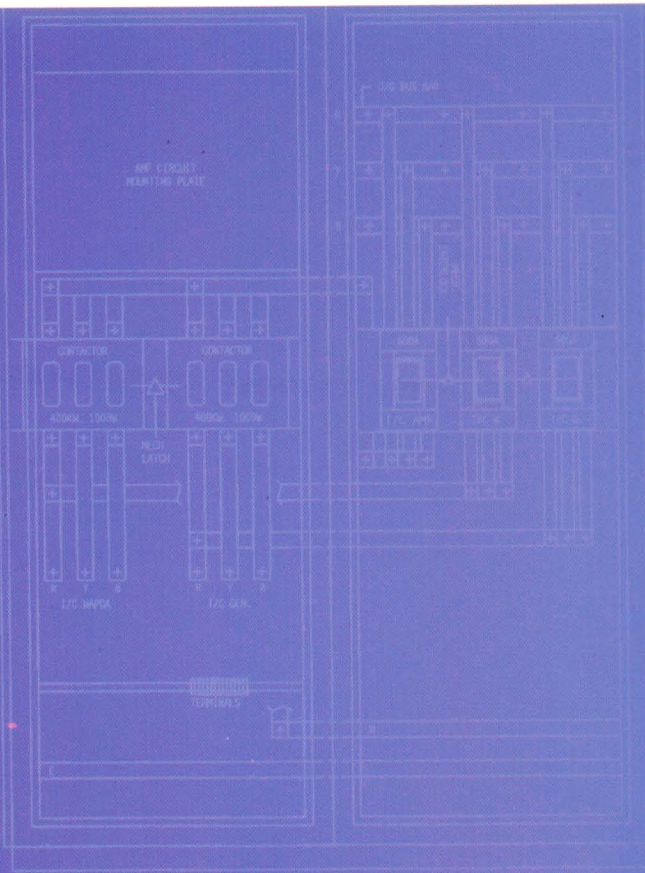
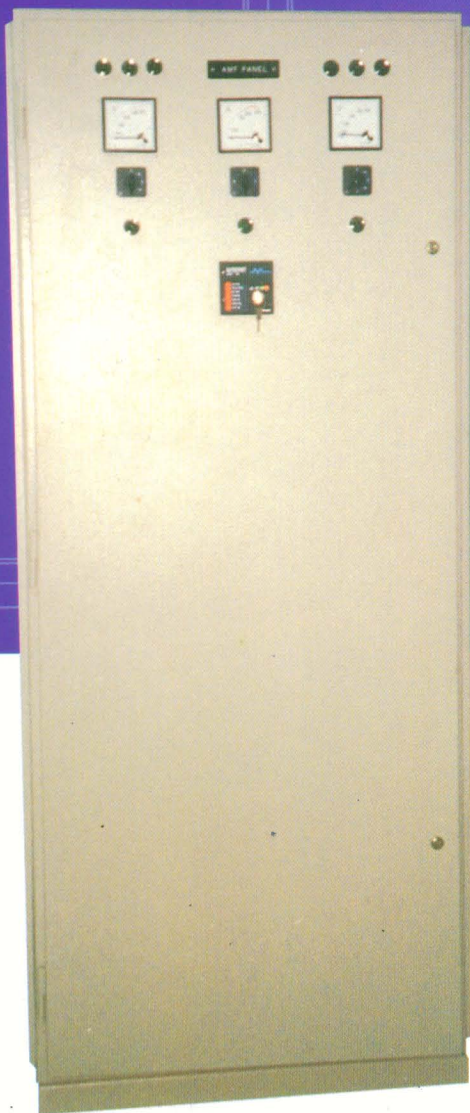
In industrial set-ups, motors could be operated through the individual starters mounted near the individual motor. Generally it is convenient to start motors from a central location or a control room where motor control centres are installed to control & monitor the operating parameters of motors. M.C.C. is built with unique design to facilitate easy installation & maintenance.

SYNCHRONIZING PANEL



Often it is required to connect another generator with the generator already running. The prime requirement of paralling two generators is to ensure the phase sequence which is accomplished by the synchronizing panel. Ultimately generators share the total load.

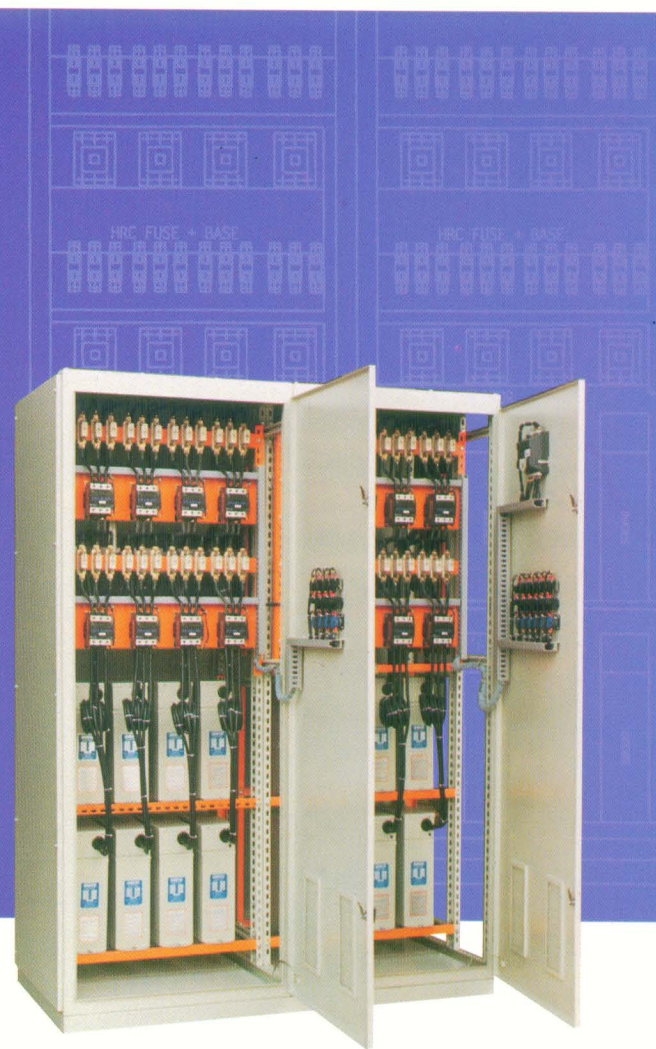
AUTOMATIC MAIN FAILURE (AMF) PANEL



FRONT VIEW

In the event of main power failure, the AMF panel shall automatically disconnect the load from the main power source & connect the same to a “Stand-by” source. The loads are reverted to the main source automatically when the main power is restored. The system of the main & stand-by switching is fully interlocked electrically & mechanically.

POWER FACTOR IMPROVEMENT (PFI) PANEL



In the A.C power networks the total power supplied to a load is much more than the actual power consumed by a load. The total power supplied to a load splits into two types (1) Actual power (2) Reactive power. The combination of both powers is termed as Apparent Power known as KVA.

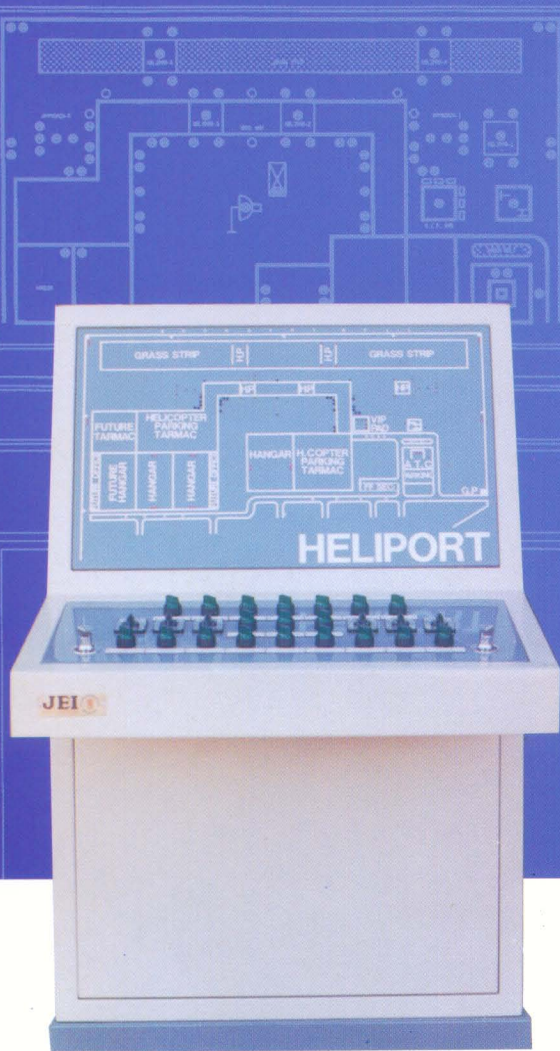
The Reactive Power, KVA_r does not do useful work & un-necessarily puts extra load on the electrical system which results in wasteful over heating of conductors & poor voltage regulator.

Utility companies impose strict regulation to limit the reactive power by improving the power factor of the system.

Adhering to the standard regulations helps save penalties & also limits the un-wanted currents which burden the system.

Installing a Power Factor Improvement (PFI) panel of correct rating & configuration is really advantageous to users of electricity.

CONTROL DESK



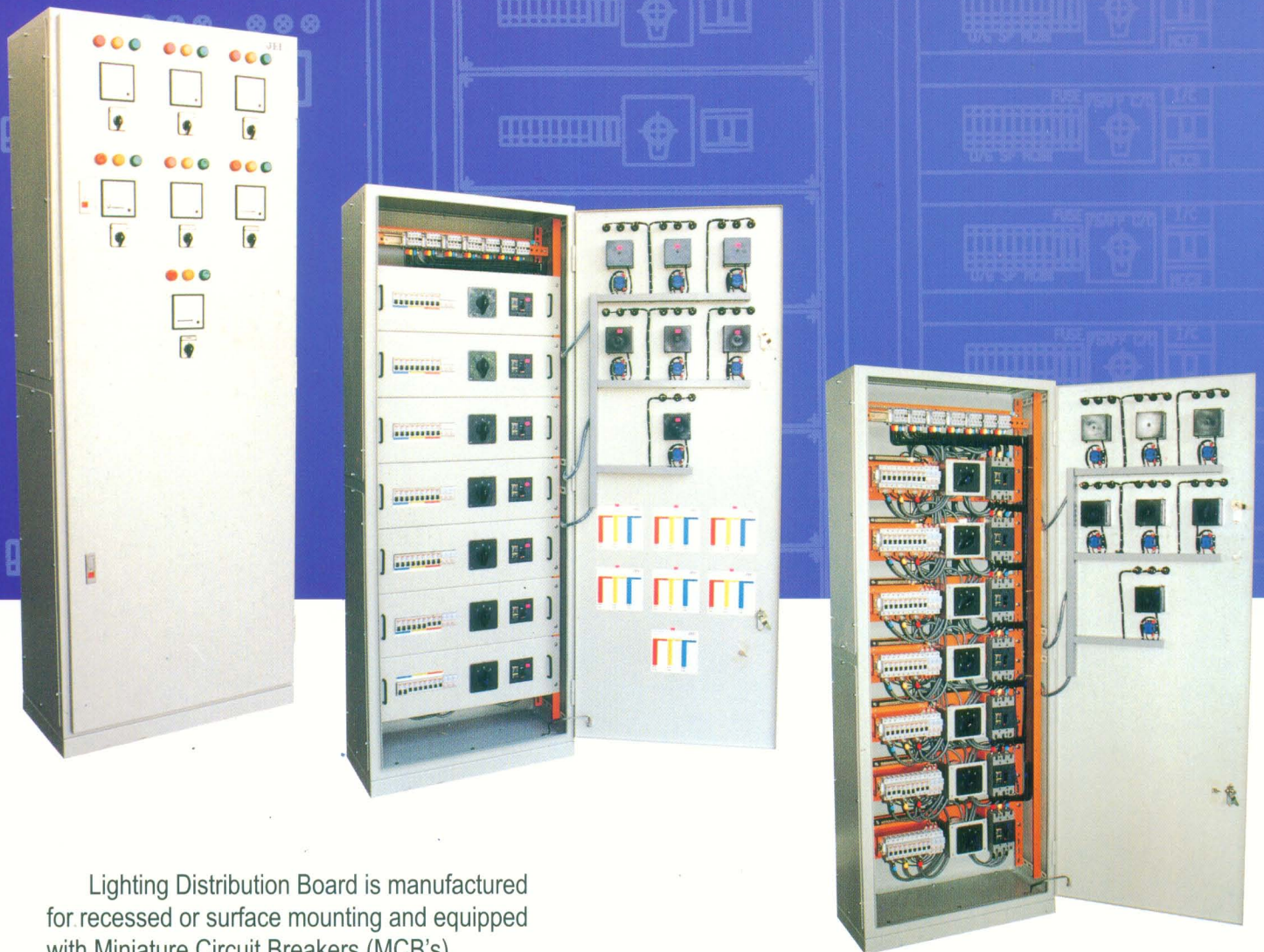
A conveniently configured & dimensioned Control Desk is equipped with the control/protection devices & mimic diagrams. To monitor & control the operational sequence of Electrical Machines/Motor/ Equipment Protection, Annunciators & Alarms, are built-in features of Control Desk.

POWER DISTRIBUTION BOARD



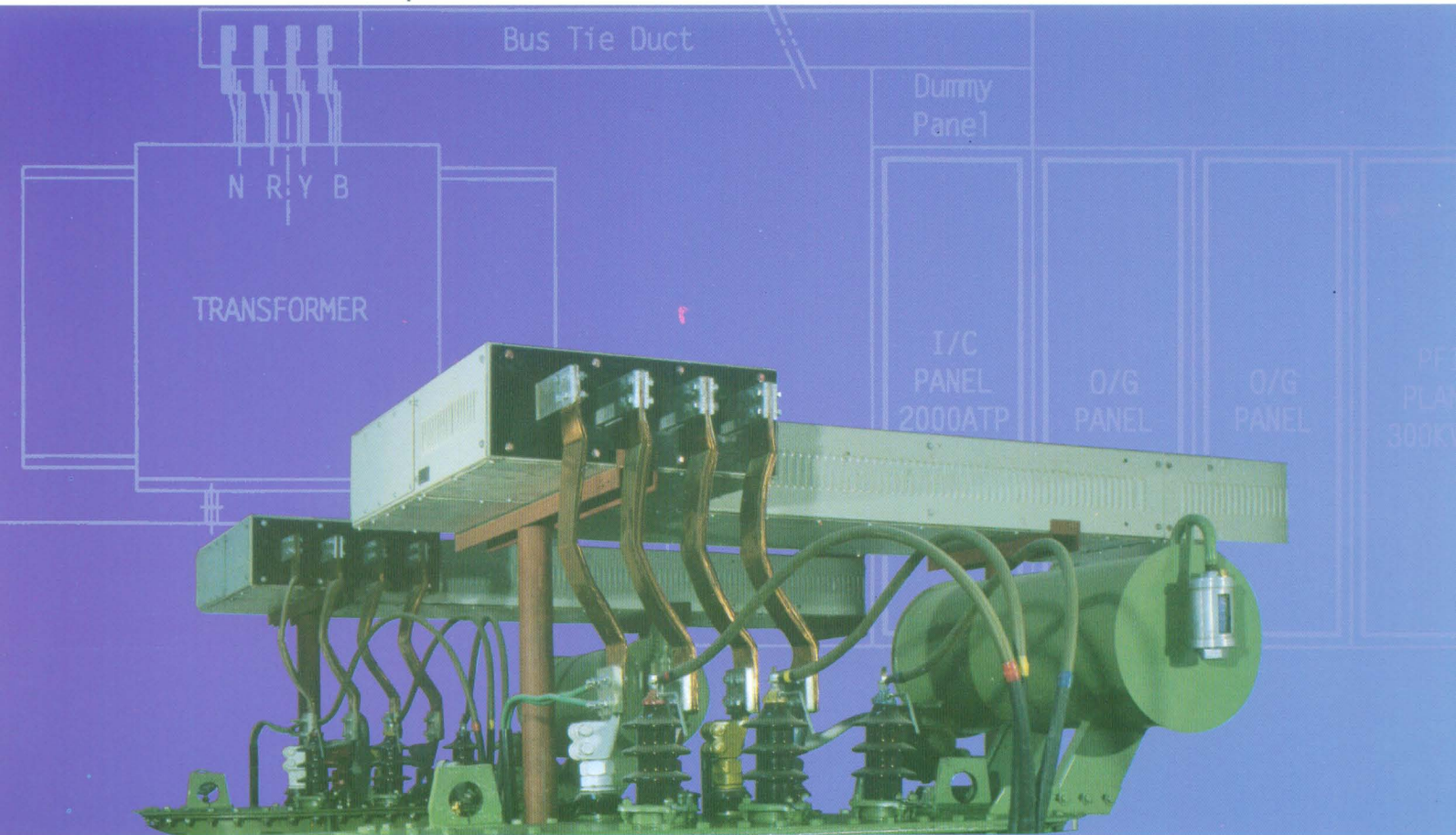
Power Distribution Board is fed from the Main Power Distribution Panel & strategically located in areas of load concentrations. PDB is equipped with the incoming & outgoing breakers having phase indicators & meters installed on the facia.

LIGHTING DISTRIBUTION BOARD



Lighting Distribution Board is manufactured for recessed or surface mounting and equipped with Miniature Circuit Breakers (MCB's).

BUS TIE DUCT



Bus Tie Duct is the interface between Power Transformer & Main Power Distribution Panel. Electrolytic copper bus-bars, supported on insulators are enclosed in a sturdy sheet-metal duct and serve to transmit main power from the transformer's L.T bushing to the Main Power Distribution Panel.

JEI



JEI Switchgear (Pvt) Limited

HEAD OFFICE

10-A, Fazil Road Lahore Cantt,
Lahore-54810, Pakistan.

Tel: +92 42 366 87 931 - 3
Fax: +92 42 366 86 200

E-mail: info@jei.com.pk

REGIONAL OFFICE

29/3, I&T Centre, G-8/4
Islamabad, Pakistan.

Tel: +92 51 285 4207
Fax: +92 51 285 4208

E-mail: isb@jei.com.pk

URL: www.jei.com.pk

FACTORY

23-km, Multan Road, (Chung)
Lahore-53800, Pakistan.

Tel: +92 42 375 10 222 / 333
Fax: +92 42 375 10 334

E-mail: works@jei.com.pk