



Commitment to Excellence

# CONTROL PANELS



Manufacturing  
Control Panels for  
more than  30 Years

## ABOUT US

- ▶ BSE Listed company
- ▶ Total plant area – 5 Acres
- ▶ Covered Area - 2 Lacs Sq.ft.



## VISION

Offering innovative energy management solutions, plastics, tooling and moulding in line with the global standards with compliance.

## CERTIFICATION



IATF - 16949  
Automotive



IMS - Quality  
Environment & Safety



5S  
House Keeping

## GOVERNING SPECIFICATION

- ▶ IEC 61439-1
- ▶ RDSO Standards

## TYPE OF PANELS

- ▶ Textile panels
- ▶ MCC & PCC panels
- ▶ Fixed and draw out panels
- ▶ Indoor and outdoor panels
- ▶ Single front and double front panels
- ▶ Control relay panels
- ▶ PLC panels
- ▶ APFC panels
- ▶ VFD drive panels
- ▶ Compressor panels
- ▶ Machine tool cabinets
- ▶ Solar inverter panels
- ▶ Wind turbine controller panels
- ▶ Building automation panels
- ▶ Railway & Metro panels
- ▶ Contract manufacturing of any type of panels



## INDUSTRIES WE SERVE

- ▶ Textile
- ▶ Process industries like Cement, Sugar, Paper, Steel, etc
- ▶ Railway & Metro
- ▶ Compressor
- ▶ Machine tools



## ENCLOSURE TYPES

Maximum size

5000 X 2000 X 1500 mm

Panel enclosure degree of protection

upto IP55 (Type Tested)

Short circuit capacity

65kA for 1sec

## MANUFACTURING FACILITIES FOR ENCLOSURES



Fiber Optic Laser Cutting



Turret Punch



Certified Welders

## POWDER COATING FACILITIES



Conveyor System for Powder Coating arrangements



Powder Coating - Batch type Set-up



11 Tank process

## POWDER COATING TEST CONDUCTED

- ▶ Salt spray
- ▶ Abrasive test
- ▶ Bending test

## COLOR CODING CHOICES

- ▶ RAL shades
- ▶ RBG shades

## WIRE HARNESS FACILITIES

### Automated cable harness setup like

- ▶▶ Cutting and stripping machine 0.5 to 50 Sqmm
- ▶▶ Crimping machines
- ▶▶ Cable handling fixtures
- ▶▶ Computerised Marking facilities



Fully Automatic Cutting & Stripping Machine



Stripping & Crimping Machine



Lug Crimping machine



Cable Pullout Testing Machine



Computerised Marking facilities

## DESIGN & SYSTEM CAPABILITIES

- ▶▶ E-Plan
- ▶▶ Pro-E
- ▶▶ Solid Works
- ▶▶ Auto CAD
- ▶▶ Programming software's
- ▶▶ SAP



## TESTING FACILITIES

- ▶▶ Fully functional End Of Line (EOL) test rigs
- ▶▶ Storage type oscilloscope
- ▶▶ Current injection facility for temperature rise
- ▶▶ Power Analyzer
- ▶▶ Variable voltage transformer 3 Phase 0-1000 Volts AC
- ▶▶ Testing set up for MCB, MPCB, Contactors and relays
- ▶▶ Thermal image camera
- ▶▶ Digital temperature measurement & recording system.
- ▶▶ Tongue tester (Range 600Amp & 200 Amp)
- ▶▶ HV tester 5 kV
- ▶▶ Insulation tester Megger (Rating 500V & 1000 V)





Lakshmi Electrical Control Systems Limited (LECS) is one of the leading manufacturer of switchgear products from 1982.

LECS manufactures custom-engineered control panel for Textile Machinery, Machine Tools, APFC, Energy Saver – Lighting, Compressor and many other applications conforming to International Standards.

LECS manufactures Engg. Plastic components with total expertise and facilities to deliver complete design solutions and ready to fit products. The company has strong background in R & D, Engineering, Tooling and Automation.

#### Certifications

- Integrated Management System, QHSE
- IATF 16949
- 5s excellency Level



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