



# INDUSTRIAL CONTROL PANEL



ISO 9001:2015  
CERTIFIED

ISO 14001 / OHSAS 18001  
CERTIFIED

## ABOUT US

As an ISO 9001 : 2008 TUV certified organization, Lubi Electronics specializes in designing and delivering high-performance control panels tailored to meet the diverse needs of modern industries. With a 15+ Years of experience, our focus remains steadfast on quality, reliability, and innovative engineering, our control panels offer seamless integration and exceptional functionality across industries like manufacturing, Printing & Packaging, pharmaceuticals, food processing covering each industrial segment.

Our skilled engineering team uses the latest design software and cutting-edge tools to develop panels that ensure operational safety, efficiency, and easy maintenance. Rigorous in-house testing ensures every control panel meets the highest quality standards. Designed and manufactured adherence to IEC/IS standards, our panels guarantee top-tier safety and reliability.

At Lubi Electronics, we are committed to delivering solutions that not only perform at the highest level but also provide optimal value for your investment. By embracing the latest technology and staying ahead of industry trends, we continuously develop improved solutions to meet the evolving demands of our customers.

## OUR STRENGTH

Our team of expert engineers and technicians have years of experience designing and building electrical panels, to ensure that your panel meets all of your requirements. We are equipped with state of the art manufacturing facility and system of procedure to achieve highest quality of electrical panels.

**20+**

Industries Served

**100+**

Engineers

**30+**

Different Panel Categories

**15+**

States Served in India

**15+**

Year of experience

**10+**

States Service Support Across India

**50k+**

Panels Supplied

## INDUSTRIES WE SPECIALIZE



## CONSTRUCTIONAL DETAILS

- Sheet metal Fabrication
  - Frame : 2.0 mm CRCA Sheet steel
  - Door : 1.5 / 2.0 mm CRCA Sheet steel
  - Side cover/Partition : 1.5 mm CRCA Sheet steel
  - Gland plate : 3.0 mm CRCA/Aluminum Sheet steel
  - Baseframe : 75.0 mm ISMC Channel
- Busbar work - Aluminum / Copper
- Form of Separation - 2a/2b/3a/3b/4a/4b
- Ingress Protection - IP-42/IP-54/IP-55/IP-65
- Fault level - 25 kA / 50 kA / 65 kA /100kA for 1 second
- Powder Coating
  - 7 Tank pretreatment process
  - Color - RAL 7032/ RAL 7035
- Shrouds to separate live terminals
- Compartmentalized design
- Control wire - 1.1 KV, FRLS/HRFR



## FEATURES

- PCC with different incomers and combination of outgoing switchgears
- MCC panels with different types of starter upon viz. DOL, Star-delta, Reverse-forward, Soft Starter, VFD
- APFC panel - contactor switching, Thyristor switching with and without harmonic filter
- Cable entry - Top / Boom / Busduct entry
- Modular construction / Welded construction
- Single & Double front
- Single & Two tier



## TESTING EQUIPMENTS

- Primary Injection Test Kit
- Secondary Injection Test Kit
- Variable Voltage Bench
- High Voltage Tester
- Insulation Resistance Tester
- Multimeter
- Clamp Meter
- DFT Meter
- Coating Treatment Tester



# Pump Panel



## Agriculture Pump Panel

Single Phase Starter



DOL Starter



Star Delta Starter



## Industrial Pump Panel

Auto Transformer Control Panel



Pressure Boosting Panel



Fire Panel



DOL Starter Panel



Star Delta Starter Panel



Variable Frequency Drive Panel



Soft Starter Panel



HVAC Panel





# Industrial Control Panel



Compressor Panel



Paper Mill Panel



Food Processing Panel



Boiler System



Automation Pharma Panel



Side Sealing Machine Panel



HVAC Panel



MCC with Automation Panel



Crusher Plant Panel



Hydro Pumping Panel



Solar ACDB/DCDB Panel



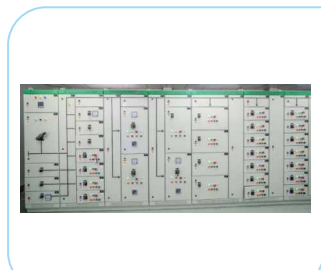
CNC Machine Panel



# Power Panel



Power Control Center Panel



Motor Control Center Panel



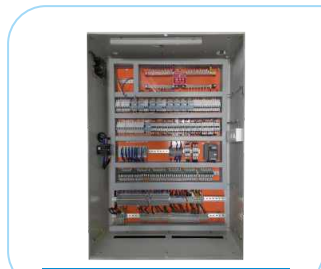
Synchronizing Panel



Change Over Panel



PLC based Power Panel



Junction Box/Remote IO Panel



Power Distribution Panel



Lighting Distribution Panel



APFC Panel



RTPFC Panel



Feeder Pillar Panel



ATS Panel



Power & Motor Control Center Panel



BMS/SCADA Panel



Auto Mains Failure Panel



Metering Panel

# Prisma iPM Low Voltage Distribution System

Certified  
System  
Panel Builder

Life Is On | Schneider  
Electric



Certified assembly as per  
**IEC 61439 - 1 & 2**

Using our Prisma iPM solution, you can easily design, implement and operate LV electrical distribution switchboard that are dependable, because they are optimize, tested, compliant & certified as per IEC 61439-1 & 2 standards.



Improve the  
continuity of  
service



Ensure the  
safety of life and  
property



Control  
deadlines  
and costs

# MANUFACTURING PROCESS



# CERTIFICATION

**Certificate**

Schneider Electric India Pvt. Ltd. states that:

**Lubi**  
Lubi Electronics  
Sardar Patel Ring Road, Near Karai Gam Patia,  
Nana Chiloda, Dist - Gandhinagar,  
Gujarat - 382325

is an EcoXpert LV Panel (Certified) Partner and is authorized to assemble, test and sell the PrismaSeT International system in accordance with the technical specifications of Schneider Electric.

Schneider Electric EcoXpert LV Panel (Certified) Partner for PrismaSeT International system, receives training on the PrismaSeT International system, Schneider Electric switchgear components, latest technologies and IEC standards and is audited on a regular basis to ensure that the partner delivers the best service and performance.

This certificate is valid until **December 31<sup>st</sup>, 2024**

Certificate Number: **PS-WH-202024-IN-AKT**

**Nikhil Pathak**  
Vice President  
Offt Marketing & Business Development

**Utkesh Sagreya**  
Director  
Channel Marketing & Partner Support Program

Life Is On **Schneider Electric**

**CENTRAL POWER RESEARCH INSTITUTE (Member of STL)**

**TEST REPORT**

Test Report No. 2013/STL/900 Dated: 11 6 AUG 2013

Name and Address of the Customer: M/s Lubi Electronics, 248 & 250 Survey No., Sardar Patel Ring Road, Near Bright School, Nana Chiloda, Gandhinagar, Gujarat - 382 325

Name and Address of the Manufacturer: M/s Lubi Electronics, 248 & 250 Survey No., Sardar Patel Ring Road, Near Bright School, Nana Chiloda, Gandhinagar, Gujarat - 382 325

Particulars of Sample(s) Tested: 415V, 200A, L.T. Panel; Condition of sample(s) on receipt: New; Type: Outdoor; Designation: NE; Serial Number(s): NE; Number of Sample(s) Tested: 01; CPRI sample code number(s): ST05ST135887; Sealing of the sample if any: No

Particulars of tests conducted: Degree of protection (IP): IP55; Details of Tests: 200A/01S & 210B/01S; Tasks in accordance with Standards/specification: IS:IEC: 60471-1:2004; Sampling Plan: ML; Customer's Requirement: ML; Duration, if any: ML

Name of the witnessing persons: Customer's Representative: Mr. Mayur J. Barot, Production Engineer; Other than Customer's Representatives: NONE; Test subcontracted with name and address of the laboratory: NONE

Documents constituting this report (in words): No. of Sheets: FIVE; No. of Drawings(s): NIL; No. of Graph(s): NIL; No. of Photograph(s): NIL; No. of Test Circuit Diagram(s): ONE; No. of drawing(s): ONE

Signature: (S. BHATTACHARYA) JOINT DIRECTOR

TEST ENGINEER: (KALINDRA PATHAK) TEST ENGINEER

Sheet 1 of 5

**CENTRAL POWER RESEARCH INSTITUTE (MEMBER OF STL)**

**TEST REPORT**

Test Report Number: S210521 Dated: 13 AUG 2013

Name & address of the Customer: M/s Lubi Electronics, Survey No.248-250, Sardar Patel Ring Road, Nr. Bright School, Nana Chiloda, Gandhinagar, Gujarat-382 325

Name & address of the Manufacturer: M/s Lubi Electronics, Survey No. 248-250, Sardar Patel Ring Road, Nr. Bright School, Nana Chiloda, Gandhinagar, Gujarat-382 325

Particulars of sample tested: L.T. Panel; Condition of sample on receipt: New; Type: PCC/MCC; Designation: NE; Serial number: NE; Number of samples tested (Batch) of Test(s): 01; CPRI sample code no.: ST05ST135886

Particulars of tests conducted: Verification of the short circuit withstand strength As per clause 8.2.3 of IS: 6023 (Part 1)-1993; Test in accordance with Standards/specification: No applicable; Sampling plan: No applicable; Customer's requirement: NE; Duration of any: NE

Name of the Witnessing persons: Customer's Representative: Mr. Mayur J. Barot (Production Engineer); Other than Customer's representatives: NONE; Test subcontracted with address of the laboratory: NONE

Documents constituting this report (in words): Number of sheets: Five; Number of enclaves: Two; Number of graphs: Nil; Number of photos: One; Number of Test circuit diagrams: Two; Number of drawings: Two

Signature: (KALINDRA PATHAK) TEST ENGINEER

Signature: (ANUPAM AWASTHI) JOINT DIRECTOR

Sheet 1 of 5



# Lubi Electronics

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