

ekko

ELECTRIC



CONTROL PANELS

MEASUREMENTS

PROTECTION

www.ekkoelectric.in

PORTFOLIO

About Us

ekko Electric stands as a premier manufacturer of top-quality Low Tension (LT) panel boards, catering to a diverse array of industries with precision and excellence. Since our inception, we have been dedicated to pioneering electrical solutions that not only meet but exceed the highest industry standards.

Our journey began with a vision to revolutionize the electrical manufacturing sector by providing reliable and innovative products. Over the years, we have cultivated a deep understanding of our client's needs, enabling us to deliver customized solutions that ensure optimal performance and safety.

Our extensive product portfolio includes Power Control Centers(PCC), Motor Control Centers(MCC), Distribution Boards, Automatic Power Factor Correction (APFC) Panels, Automatic Mains Failure(AMF) Panels, and Customized Panels. Each product is designed to cater to specific requirements.



Our Values

- Safety
- Quality
- Integrity
- Innovation
- Timely Response
- Customer Satisfaction

Our Vision

To be the preferred choice for electrical panel boards worldwide, known for our quality, innovation and customer-centric approach.

Our Mission

Our mission is to provide top-notch electrical solutions that enhance the safety, efficiency, and reliability of our client's operations. We strive to lead the industry with our innovative designs, superior quality and exceptional customer service.

Our Products

- *Metering Panels
- *Distribution Panels
- *Motor Control Centers (MCC)
- *Power Control Centers (PCC)
- *Auto Mains Failure (AMF) Panels
- *Automatic Power Factor Correction (APFC) Panels
- *VFD Panels
- *Enclosures
- *PLC Control Panels
- *HVAC Control Panels
- *BDV & High Voltage Tester
- *Primary & Secondary Injection Test kit

Our Services

- *Design & Approvals of Panels**
- *AMC for Panels & On-call Service**
- *Testing & Commissioning of Panels**
- *After Sales round the clock support services**
- *Maintenance, Modification and Refurbishment of Panels**



Some of our Major Projects

HP MSB Panel Project

We're excited to showcase our advanced MSB Panel for
HINDUSTAN PETROLEUM CORPORATION LTD.

Main Incomer : 1 x 125A Manual Changeover Switch
with 100A HRC Fuse Carriers

Outgoing Circuits

3 x 63A TPN SFUs with 12 x 63A HRC Fuse Carriers,
2 x 63A 100mA 4P RCBOs, 1 x 63A 30mA 4P RCBO, 3 x 25A TP MCBs
6 x 20A DP MCBs, 13 x 16A DP MCBs, 6 x 10A DP MCBs, 12 x 6A DP MCBs

Monitoring Tools

1 x 3-Phase Analog Volt Meter
1 x Analog Ammeter (0-100) with 3 corresponding Measuring CTs
2 sets of RYB LED Indication Lamps for EB & DG Incomer Indication

Control Features

6 x 2A Control MCBs, 3 x 6A Control MCBs

Technical Details

- *Dimensions: 1800mm (W) x 1600mm (H) x 350mm (D)
- *Busbars: Phase - AL 25x6, Neutral - AL 25x6, Earth - CU 25x6
- *Mounting Type: Floor-mounted
- *Cable Entry: Bottom

This panel is built to precise specifications as outlined,
ensuring top-notch performance and reliability.





IndianOil

IOCL MSB Type-2 Panel Project

Check out our latest MSB Type-2 Panel build for
INDIANOIL CORPORATION LTD.

Packed with the following features:

- *Main Incomer: 1 x 125A Manual Changeover Switch with 100A HRC Fuse Carriers
- *Outgoing Connections:
 - 3 x 63A TPN SFUs with 12 x 63A HRC Fuse Carriers
 - 2 x 63A 100mA 4P RCBOs, 1 x 63A 30mA 4P RCBO, 3 x 25A TP MCBs
 - 6 x 20A DP MCBs, 13 x 16A DP MCBs, 6 x 10A DP MCBs, 12 x 6A DP MCBs

Meters and Indicators

- 1 x 3Ph Analog Volt Meter
- 1 x Analog Ammeter (0-100) with 3 suitable Measuring CTs
- 2 sets of RYB LED Indication Lamps for EB & DG Incoming Indication

Control

- 6 x 2A Control MCBs
- 3 x 6A Control MCBs

Specifications

- Size: 1800mm (W) x 1600mm (H) x 350mm (D)
- *Busbars: Phase - AL 25x6, Neutral - AL 25x6, Earth - CU 25x6
- *Mounting: Floor-mounted
- *Cable Entry: Bottom

Fabricated to meet all the specifications,
this panel is designed for reliability and efficiency.



NAYARA MSB Panel Project

**Introducing latest Manual Changeover Panel for
NAYARA ENERGY**

Main Incomer: 1 x 63A 4P Manual Changeover Switch

Incoming Side: 1 x 63A TP MCCB

Outgoing Connections

1 x 63A 300mA RCCB, 1 x 63A 100mA RCCB, 1 x 63A 30mA RCCB, 5 x 16A DP MCBs
5 x 10A DP MCCBs, 20 x 16A SP MCBs, 4 x 32A SP MCBs, 2 x 32A TP MCBs

Indicators and Controls

2 sets of RYB Indication Lamps for Incoming EB & DG
1 x Flush type Green Push Button with 1 x NO Contact
1 x Stay Put type Red Push Button with 1 x NO Contact
1 x (0-500V) Analog Volt Meter with Phase Selector Switch
1 x (0-100A) Analog Ammeter with Phase Selector Switch

Specifications

- *Size: 1300mm (W) x 1000mm (H) x 250mm (D)
- *Busbars: Phase - CU 25x3, Neutral - CU 25x3, Earth - CU 25x3
- *Mounting Type: Wall-mounted
- *Cable Entry: Top/Bottom

This panel is crafted according to the detailed requirements specified by NAYARA ensuring reliability and efficiency.





Kottayam Medical College MSB Panel Project

We recently built a versatile MSB Panel featuring the following components:

- *Main Incomer*: 1 x 125A 4P Manual Changeover Switch (COS)
- *Outgoing Connections*: 5 x 80A 4P MCCBs with ROM & spreader terminals
- *Indicators*: 3 sets of LED RYB indication lamps
- *Control*: 10 x 2A SP control MCBs
- *Interconnections and Wiring*: All completed

Specifications

- *Size*: 1000mm (W) x 1900mm (H) x 250mm (D)
- *Busbars*: Phase - CU 25x6, Neutral - CU 25x6, Earth - CU 25x3
- *Mounting*: Floor-mounted
- *Cable Entry*: Top/Bottom

This panel was carefully fabricated in line with all specifications .
Whether you need precise control or robust safety features, this panel is built to deliver reliable performance.



Distribution Panel Project for RELIANCE SUPERMARKET

Main Incomer

1 x 160A TPN SFU
3 x 125A HRC Fuse Carriers

Metering Provisions

2 x Provisions for 3-Phase Energy Meters
2 x Provisions for fixing 3-Phase CTs
7 x Provisions for 1-Phase Energy Meters

Fuse Units

6 x 100A Bakelite Fuse Units with 6 x 80A HRC Fuse Carriers
2 x 100A Neutral Links
7 x 63A Bakelite Fuse Units with 7 x 40A HRC Fuse Carriers
7 x 63A Neutral Links

Indicators and Meters

1 set of LED RYB Phase Indication Lamps
1 x Digital LED VAF Meter with suitable CTs

Specifications

*Size: 2336.8mm (W) x 1473.2mm (H) x 250mm (D)
*Busbars
AL 25x10 for all 3 phases
AL 25x10 for Neutral
AL 20x3 for Earth

Mounting Type: Floor-mounted

This panel is meticulously fabricated according to the detailed specifications, ensuring top-notch performance and reliability.

We're proud to present our latest Distribution Panel, which includes





AMF Panel Project for St.Mary's Mission Hospital, Eraviperur

Check out our latest AMF Panel build

Main Incomers

2 x 200A TPN SFUs for EB and DG

Automatic Transfer Switch

1 x 200A Elmeasure make ATS

Outgoing Connections

1 x 200A 4P MCCB

Indicators and Controls

4 sets of LED RYB Indication Lamps, 12 x 2A Control MCBs

Specifications

Size: 1300mm (W) x 1000mm (H) x 250mm (D)

Busbars

Phase - AL 25x10

Neutral - AL 25x6

Earth - AL 25x3

Mounting Type: Wall-mounted

Cable Entry: Bottom

This panel is crafted to meet the precise specifications, ensuring robust and reliable performance.





MSB Panel Project for HONDA Showroom

Incomer

1 x 200A TPN SFU Isolator, 3 x 100A HRC Fuse Carriers

Outgoing

2 x 125A TPN SFU, 100A HRC Fuse Carriers

Additional Components

1 x Set of LED RYB Phase Indication Lamps

1 x Digital LED VAF Meter with suitable CTs, 1 x Spare Compartment

Fabrication Details

Compliant with all details specified in Section-A

Size: 850x1600x250mm

Busbar Specifications

AL 25x10 for all 3 phases

AL 25x10 for Neutral

AL 20x3 for Earth

Mounting Type: Floor

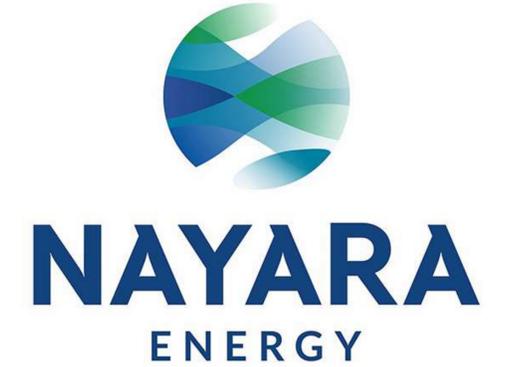
This panel is built according to the detailed requirements, delivering dependable and efficient operation



Major Clients



IndianOil



Testimonials

1. Mr.Sohanlal, MACS Group, Kollam (IOCL A-class Electrical Contractor)

"Working with ekko Electric has been a game-changer for us. Their LT panel boards are top-notch in quality and performance. The team was incredibly professional, and their attention to detail in every aspect of the project was impressive. We highly recommend ekko Electric for any electrical panel needs."

2. Mr.Sathar, KM Constructions, Kollom (IOCL A-class Electrical Contractor)

"ekko Electric provided us with exceptional service and high-quality LT panel boards. Their technical expertise and commitment to meeting our specific requirements were evident throughout the process. The panels were delivered on time and have been performing flawlessly. We are extremely satisfied with our partnership."

Testimonials

3. ZELESTE Engineers & Contractors LLP, TVM.

"Our experience with ekko Electric has been nothing short of excellent. They delivered custom LT panel boards that perfectly fit our project's specifications. The durability and efficiency of their products have exceeded our expectations. We look forward to working with them again on future projects."

4. Mr.Anoop, TRIOTEC Contractors, Kollam.

"ekko Electric's LT panel boards have significantly improved the reliability of our electrical systems. The Production was smooth, and the support we received from their team was outstanding. Their commitment to quality and customer satisfaction is truly commendable. We couldn't be happier with the results."

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