



MIKANO
POWER

ELECTRICAL & LIGHTING SOLUTIONS

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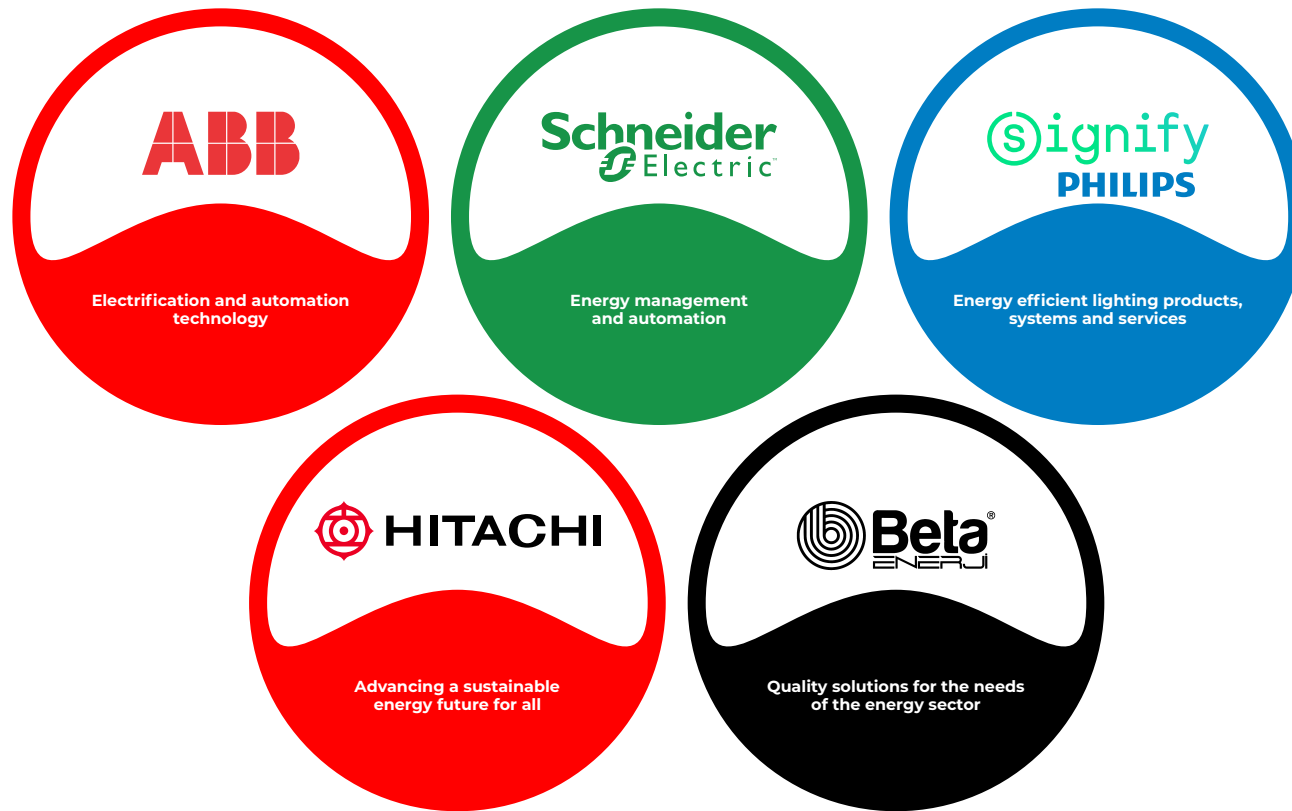
At Mikano, our customers come first. Our mission is to offer high-quality products and services across various sectors. We take great pride in our unwavering commitment to integrity, which enables us to build strong connections with our clients.

These connections enhance the quality of our services and form the foundation of our long-term, trust-based relationships with our clients.

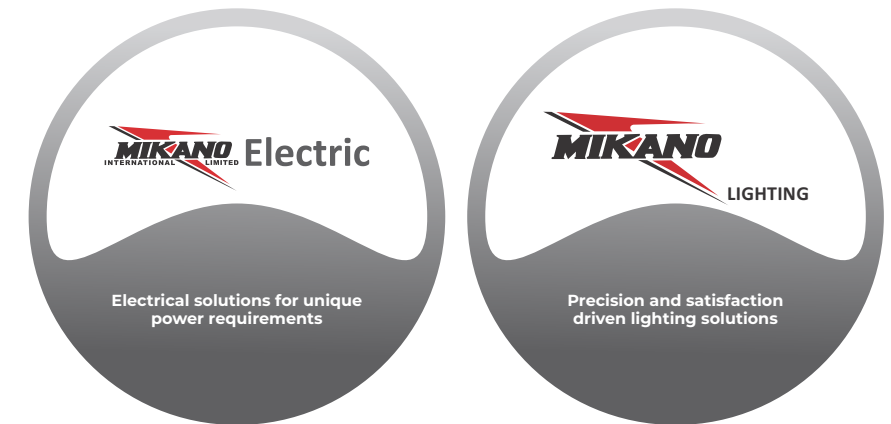


We provide genuine and reliable product/service delivery for your external and internal electrical installations in partnership with the following;

─ PARTNER BRANDS ─

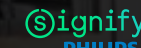


─ OWNED BRANDS ─



LOW VOLTAGE (LV) PRODUCTS

Ensure safety and efficiency in every connection.





CIRCUIT BREAKERS (ACB, MCCB, MCB, RCCB and RCBO)

Providing advanced protection for your electrical systems.

• Ratings: 1Amps to 6300Amps

Circuit breakers are vital for safeguarding electrical systems by preventing damage from overcurrent, faults, or short circuits. They are essential in both residential and industrial settings, ensuring safety and reliability.



Benefits

- **Overcurrent Protection:** Automatically trips to prevent overheating and fire hazards.
- **Enhanced Safety:** Reduces the risk of electric shock and electrocution.
- **Convenience:** Easily reset after tripping, unlike fuses. Circuit breakers are indispensable for modern electrical safety and efficiency.



Applications

- Industries
- Residential
- Commercial buildings, etc.



TIMERS AND RELAYS

Providing precise timing solutions for automation.

Timers and relays are essential for precise timing and automation in various applications. They control electrical circuits, devices, and equipment, enhancing efficiency, reliability, and safety in industrial, commercial, and residential settings.



Benefits

- **Enhanced Control:** Provides precise timing and switching, allowing flexibility to optimize system performance.
- **Improved Efficiency:** Automates tasks, reduces energy consumption, and ensures reliable operation, boosting productivity.
- **Safety and Protection:** Isolates circuits and prevents equipment damage, minimizing risks from electrical faults and overloads.

Timers and relays are key components for efficient and safe electrical systems.



Applications

- Panel building
- Industries
- Factories



CONTACTORS & MANUAL MOTOR STARTERS

Control and protection for motors.

• Ratings: 9Amps- 1650Amps

Contactors and manual motor starters control and protect motors in various industrial and commercial applications. They provide reliable remote switching for high-current circuits, ensuring efficient and safe operation.



Benefits

- **High Current Handling:** Capable of managing high electrical loads.
- **Remote Control and Automation:** Enable convenient control and automation of electrical systems.
- **Safety:** Ensure electrical isolation for enhanced safety.
- **Reliability and Durability:** Offer long-lasting and dependable performance.
- **Versatility:** Suitable for a wide range of applications.
- **Energy Efficiency:** Contribute to reducing energy consumption.
- **Safety Compliance:** Adhere to stringent safety standards.

Contactors and manual motor starters are essential for efficient and safe operation in industrial and commercial electrical systems.



Applications

- Industries
- Residential
- Commercial buildings, etc.





CHANGE OVERS AND GEAR SWITCHES

Creating smooth transitions and reliable switching.

- Ratings: 32Amps- 3,200Amps

Changeovers and gear switches ensure smooth transitions and reliable switching in electrical and mechanical systems. These devices are essential for various applications, providing reliability, safety, and efficiency.



Benefits

- **Reliability:** High-quality construction ensures consistent performance.
- **Safety:** Advanced features prevent electrical faults and protect users.
- **Durability:** Designed to withstand frequent use and harsh conditions.

Changeovers and gear switches are crucial for efficient and safe operations in industrial and commercial systems.



Applications

- Industries
- Residential
- Commercial buildings, etc.



DISTRIBUTION BOARDS AND ENCLOSURES

Ensuring organized and safe electricity distribution

- Range: single Phase and three phase board

Distribution boards ensure organized and safe electricity distribution, serving as a central point for managing electrical power in a building or facility. They house circuit breakers and other protective devices for various circuits and loads.

Strong and protective enclosures for electrical components ensure safety and durability.



Benefits

- **Safety and Protection:** Provide essential protection against electrical faults and hazards.
- **Efficient Power Management:** Facilitate efficient load management and offer convenient control points.
- **Scalability and Flexibility:** Accommodate changes and expansions in electrical systems.
- **Compliance:** Ensure adherence to regulatory standards and electrical codes.

Distribution boards are essential for safe and efficient electrical power management.



Applications

- Industries
- Residential
- Commercial buildings, etc.



WIRING ACCESSORIES

A comprehensive collection of high-quality accessories.

- Range: Switches and Socket outlets

A comprehensive collection of high-quality wiring accessories is essential for electrical installations in residential, commercial, and industrial settings.



Benefits

- **Control and Convenience:** Switches for lighting and motor control enhance functionality and energy efficiency.
- **Safety:** Ensure electrical isolation and prevent hazards like shocks and fires.
- **Flexibility:** Available in various types for versatile applications.
- **Aesthetic Appeal:** Wide range of designs to match any decor.

Our wiring accessories ensure safe, efficient, and visually appealing electrical systems



Applications

- Hospitality
- Industries
- Residential
- Commercial buildings, etc.





ELECTRIC MOTORS

• Speed: 1000rpm, 1500rpm and 3000rpm

Electric motors provide efficient and powerful solutions for a wide range of applications, from household appliances to industrial machinery.



Benefits

- **Energy Efficiency:** Convert electrical energy to mechanical energy with high efficiency, reducing energy consumption.
- **Reliability and Durability:** Offer long operational lifespans with proper maintenance, ensuring continuous industrial processes.
- **Regulatory Compliance:** Help industries meet environmental standards and reduce carbon footprints.

Our electric motors deliver reliable, efficient, and compliant performance for various technological advancements.



Applications

- Industries
- Factories



AC DRIVES AND SOFT STARTERS

Providing smooth control for your motor applications

• Rating: 0.37KW – 500rpw

AC drives and soft starters provide smooth control for your motor applications, enhancing speed, torque, and efficiency.



Benefits

- **Energy Efficiency:** Adjust motor speed to match load requirements, reducing energy consumption and costs.
- **Enhanced Process Control:** Offer precise control over motor speed and torque, improving performance and quality.
- **Extended Equipment Life:** Reduce mechanical stress, extending the lifespan of motors.
- **Reduced Maintenance Costs:** Lower maintenance and repair needs due to smoother operation.

Our AC drives and soft starters ensure efficient, reliable, and cost-effective motor control.



Applications

- Industries
- Factories



UNINTERRUPTIBLE POWER SUPPLY (UPS)

Powering Large-Scale Operations with Reliability

• Ratings: 6KVA- 500KVA

Reliably powering large-scale operations with continuous, clean power.



Benefits

- **Continuous Power:** Ensures uninterrupted operation during outages.
- **Power Quality:** Provides clean, stable power, protecting against voltage fluctuations and surges.
- **Equipment Protection:** Safeguards sensitive electronics, enhancing their lifespan.
- **Monitoring and Control:** Includes advanced systems for real-time monitoring and remote management.
- **Scalability:** Easily scales to accommodate expanding operations.

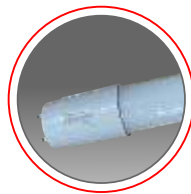
Our UPS ensures reliable and uninterrupted power for critical systems, safeguarding against disruptions.



Applications

- Industries
- Panel Builders
- Residential and Commercial Buildings





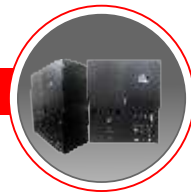
LED Light Fittings & tubes



Panels



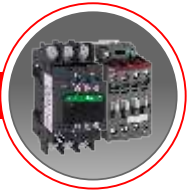
Wiring Accessories
Sockets & Switches



UPS



Change Overs



ATS/AMF Panel

► Commercial Building



MEDIUM VOLTAGE (MV) PRODUCTS



TRANSFORMERS

High-efficiency power transformers for various applications.

- Range: Distribution and Power Transformer
- Ratings: 50KVA- 2500KVA

The transformer is a critical component in electrical distribution systems, designed to step down high voltage electricity from power lines to a lower voltage suitable for use in homes, businesses, and industrial facilities. Our transformers are filled with oil and dry type, which acts as both an insulator and a cooling agent, ensuring efficient operation and longevity.



Benefits

- Optimised cost efficiency solution
- High reliability in harsh environments
- Long service life with minimum maintenance



Applications

- Industries
- Panel Builders
- Residential and Commercial Buildings



RING MAIN UNITS (RMUs)

Compact and safe switching solutions.

- Range: Extensible and non-extensible
- Ratings: 200Amps and 630Amps

Compact, fully enclosed, and insulated switchgear used in medium voltage electrical distribution networks. It plays a crucial role in managing and protecting electrical power distribution by providing reliable and efficient switching, protection, and control of electrical circuits.



Benefits

- **Efficiency:**
 - Avoid costly battery chargers, due to self powered protection
 - Optimal Performance in harsh climatic & environmental conditions (applicable anywhere)
 - Seamless integration with existing electrical distribution infrastructure
- **Safety and Reliability**
 - High reliability and safety in the harshest environments
 - Fully certified internal arc design in accordance with the latest international standards.
 - High performance, switch rated up to 5000 mechanical operations
- **Flexibility**
 - Simple, clear operation combined with compact size, high functionality, and reliability extends the applications of the ringmaster range
 - No need for expensive substation switch rooms, with unique Indoor/outdoor design
 - Low maintenance and lifetime costs



Applications

- Industries
- Panel Builders
- Residential and Commercial Buildings



MEDIUM VOLTAGE (MV) SWITCH GEARS

Robust and reliable switchgear systems

- Rating: 6.30A – 1250A

Air-insulated switchgear is based on a highly flexible, modular concept with fewer parts and standardized solutions that can be readily configured to meet the specific needs of each application.



Benefits

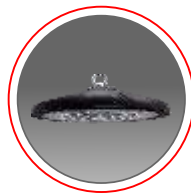
- **Productivity and Flexibility**
 - Maximizing your output
 - Easy to install
 - Broad portfolio
 - Speed up your projects
- **Sustainability and Efficiency**
 - Optimizing your investments
 - Footprint reduction
 - Sustainable
- **Reliability and Safety**
 - Protecting your assets
 - Safety and Protection for the operator
 - Reliable in harsh environment



Applications

- Industry
- Infrastructure and Transportation
- Utilities
- System integrators, EPCs and OEMs





LED Highbay Lights



Contractors MMS



MV Panels



Customized Panel



Soft Starters



Transformer



► Industrial Complex/Building



CUSTOMIZED PANELS

► PANEL BUILDING SOLUTIONS OVERVIEW

With over 30 years of experience, Mikano's Engineering and Panel Building Department has been providing high-standard electrical panel solutions and switchgears to the Nigerian market. As a certified panel builder for ABB and Schneider Electric, we deliver type-tested panels that meet IEC standards, ensuring reliability and safety in every product.

At Mikano, we pride ourselves on our commitment to quality and innovation. Our team of skilled engineers works closely with clients to understand their specific requirements and deliver solutions that ensure optimal efficiency and safety. Additionally, we provide comprehensive maintenance and support services for all our panel products, ensuring long-term reliability and performance.

With Mikano, you can trust in our expertise and dedication to delivering exceptional electrical panel solutions that meet the highest standards. Mikano's panel building solutions are the preferred choice for reliable and efficient electrical systems.

Tailored Solutions for Your Specific Needs



Distribution Panel Boards

LV Main Distribution Boards (MDB): Centralized power distribution.

LV Sub Distribution Boards (SDB): Efficient and organized power distribution.

AC & DC Distribution Boards & Control Panels: Versatile control solutions.

Feeder Pillars: Reliable outdoor distribution.

Compact Sub Stations (CSS): Space-saving power distribution.

Bus-Duct Solutions: Flexible and efficient power distribution.

Switching

Automatic Transfer Switch Panels (ATS): Uninterrupted power transfer.

Automatic Main Failure Panels (AMF): Reliable backup power solutions.

Control

Motor Control Centers (MCC): Comprehensive motor control.

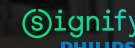
Power Factor Correction Panels (PFC): Improve energy efficiency.

Building Management Systems (BMS): Intelligent building control.



LIGHTING PRODUCTS

Illuminate Your World with Our Advanced Lighting Solutions



► LIGHTING PRODUCTS OVERVIEW

Mikano remains the preferred partner in the lighting sector, serving as the regional hub for the global lighting brand, Signify (Philips Lighting). Building on nearly three decades of a strong and reputable foundation, Mikano International has launched its own lighting brand - Mikano Lighting. Our extensive range of products serves various market segments, including industries, residential and commercial buildings.

Mikano delivers a comprehensive range of quality lighting products and services tailored to meet both professional and consumer needs. Our expert team of lighting engineers is always ready to provide professional advice, helping customers choose the best lighting solutions for their specific requirements. We also offer customized solutions to enhance service delivery, along with maintenance operations for both new and existing projects.

With a commitment to quality and innovation, Mikano Lighting products continue to illuminate spaces with excellence, ensuring optimal lighting solutions for every environment. From energy-efficient LED lights to advanced lighting controls, Mikano Lighting provides sustainable and reliable lighting that meets the highest standards.





Our lighting products are guaranteed for energy efficiency, exceptional colour range, low heat radiation reliability and instantaneous illumination.

Product range includes:

- Sportlights
- Downlights
- Bulk heads
- Waterproof and non-waterproof battens
- LED panels (60x60)
- High bays
- Floodlights
- Bulbs and tubes



Signify (Philip Lighting), Delivers quality lighting items such as:

- LED bulbs
- LED tubes
- LED Panels
- Down Lights and Spotlights
- Waterproof and Non-Waterproof Battens
- High bays and Low bays
- Floodlights
- Streetlights
- Canopy Lights



Ceiling Surface Mounted Light



Features

- 18W/24W/30W/50W
- 100Lm/W
- Soft and uniform light
- IP40 water and dust proof
- 25000hrs lifetime

Application

- Residential

LED Downlight & Spotlight



Features

- 5W-35W ·6500K
- Up to 80 lm/W
- Ra80 high color rendering Index
- No flicker
- 25000 Hours lifetime

Application

- Hospitality & Residential

LED Highbay



Features

- 100W/150W/200W
- Up to 100 lm/W
- 170-240V wide voltage
- IP65 dust and waterproof
- Beam angle options: 60°, 90°, 110°
- Multiple installation options: hook or bracket
- 25000 Hours long lifetime

Application

- Industries & Factories

Waterproof & Non waterproof Batten



Features

- 17W/333W/50W/20W/40W
- Up to 120 Lm/W
- Ra80 high color rendering index
- IP65 water and dust proof
- 25000Hrs lifetime

Application

- Commercial building
- Industries & Factories



LED Floodlight



Features

- 100W/150W/200W
- Up to 100lm/W
- CRI >80
- Aluminum Die casting+ tempered glass
- 25000hrs long lifespan
- IP65 water and dust proof

Application

- Residential
- Commercial
- Industries

LED Streetlight



Features

- 60W/120W/150W
- Up to 100lm/W
- CRI >80
- Aluminum Die casting+tempered glass
- 30000hrs long lifespan
- IP65 water and dust proof

Application

- Road Lighting

LED Panel (60x60)



Features

- Backlight technology
- Rated voltage: 220-240V AC
- Power rating: 36W
- Lumens: 3800 lm
- Recessed installation
- Dimensions: 595 x 595 x 32 mm
- Shade: neutral white (4000K) - warm white (3000K) - cool white (6000K)

Application

- Commercial building



Battens



Benefits

- Slim and trunkable, integrated design
- To replace T5 Essential Batten TCH086/084
- Polycarbonate housing with one pc extrusion process
- Semi-transparent endcap eliminates the black spot entirely in trunking
- Different type can mix and match, flexible in a long length
- Sockets and accessories compatible with BN066C & TCH086 EV

Applications

- Indirect lighting: Shelf, cove, back light box, ambient,
- Direct lighting: Convenient store, Long distance linear lighting

LED Flood lights



Benefits

- Conventional HID floodlight replacement
- Easy to install
- Outstanding energy savings
- High quality and reliability

Applications

- Architectural lighting, Landscape lighting,
- Billboard lighting, Parking area lighting,
- Amenity, Security

LED Downlight



Benefits

- Reliability and safety: meets national and international regulation
- Energy saving: High system efficacy with lower power consumption
- Diversity: One stop shopping with multiple choices of recess round, square as well as surface-mount to fit your dedicated applications
- Easy to install with slim design

Applications

- Retail, Office, Residential

LED Bulbs



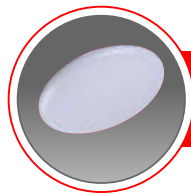
Benefits

- Enjoy 3 possible light colors in one product
- Change the color of your light easily with by switching the button on the product
- Small size to fit in most luminaires

Applications

- Home, Offices, Education





Ceiling Surface Mounted Light



LED Bulb



Changeover



Distribution Board



Outdoor light



Wiring Accesories
Sockets & Switches



► Residence



AFTERSALES

OUR SKILLED WORKFORCE: THE BACKBONE OF EXCELLENCE

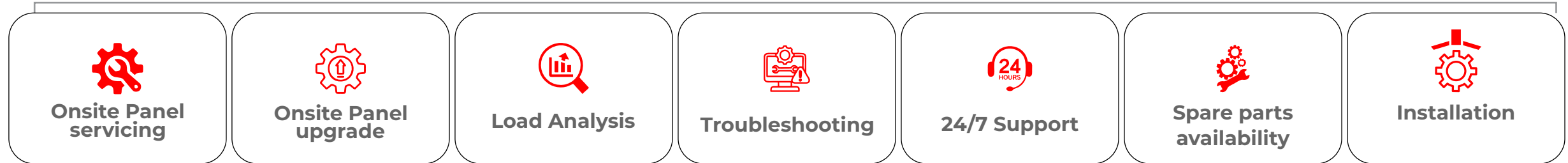
At Mikano International, we believe that our workforce is our greatest asset. Our team of highly skilled engineers and technicians is meticulously trained and certified in the latest electrical engineering practices. With a strong emphasis on continuous learning and development, our workforce remains adept at leveraging cutting-edge technology to deliver superior LV and MV products.

Our electrical division is dedicated to maintaining the highest standards of quality and safety. Each member of our team is well-versed in the intricacies of electrical power management, ensuring that every product we deliver meets stringent quality benchmarks and complies with international standards.



AFTER SALES SUPPORT

Solutions we offer



STRENGTHS



OUR CLIENTS

TELECOM



OIL & GAS



INDUSTRIES



M&E CONTRACTORS



BANKS





THANK YOU