



# ONE STOP SOLUTION

With a history that stretches back for more than six decades, Lim Kim Hai Group of Companies is today Singapore's Leading Distributor of Electrical, Control, Lighting, Safety, Industrial Solution & Electric Vehicles (EV) Charging Products and Solutions

ELECTRICAL

CONTROL

LIGHTING

SAFETY

INDUSTRIAL SOLUTION

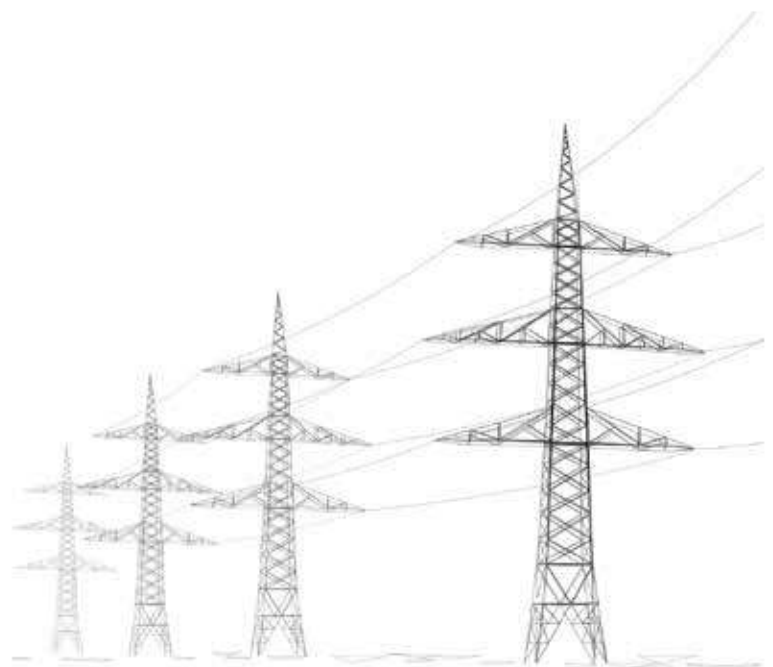
EV CHARGING

# ABOUT

## LIM KIM HAI GROUP

Founded in 1958 with humble beginnings as an electrical shop, Lim Kim Hai Group of Companies (LKHGC) is a strategic network of affiliated solutions providers. Each of our companies cover a wide range of products, services, & technologies and leverage on their individual areas of expertise to serve customers. By synergising the different business skill sets with one another, LKHGC is a one-stop electrical solutions provider for the commercial and industrial sector.

While our drive and attention to detail fuels our journey forward, we remain committed to the principles of our founder. Mr. Lim Kim Hai who understood that running a people-first organisation is the key driver behind business growth and sustainability. In real terms, this means empowering employees who work hard to build strong, lasting relationships with customers, suppliers, and business partners. By embedding this mindset into our company culture, we maintain our status as a respected organisation that delivers excellence with integrity.



## ELECTRICAL | CONTROL | LIGHTING | SAFETY | INDUSTRIAL | EVC

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Singapore's leading distributor of electrical, control, lighting, safety, industrial solution and EV charging products and accessories. Lim Kim Hai Electric demonstrates strength at every stage of the value chain, from knowledge-based sourcing, to a committed services team, and on-time delivery.

[www.limkimhai.com.sg](http://www.limkimhai.com.sg)

## PREDICT | CONTROL | MONITOR

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LKH Precicon is recognised with more than 35 years of industrial automation expertise in Singapore, providing on-site and off-site electrical solutions to the sectors of manufacturing, building and construction, infrastructure, transportation, educational institutions, and more. Even after establishing a strong foothold in the market, LKH Precicon is still continuously striving to help companies stand out in the industry that is involved in the national effort of building a Smart Nation and achieving Advanced Manufacturing to meet all Industry 4.0 transformation requirements.

[www.precicon.com.sg](http://www.precicon.com.sg)

## POWER | LIGHTING | DATACOMM | EMF TESTING SERVICES

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Serving the construction project industry, LKHPD is an established project solutions provider, in Singapore and across key markets in Southeast Asia, delivering a range of services including power distribution & transmission, data communications, lighting, and EMF testing services.

[www.lkhpdp.com.sg](http://www.lkhpdp.com.sg)

## B2B E-COMMERCE

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An online B2B industrial marketplace for Electrical, Control, Lighting, and Safety. ElectGo offers a comprehensive range of industrial products from leading brands all around the world. ElectGo has been expanding its range of products, carrying over 70,000 SKUs, from various industries to cater to the market's MRO needs.

[www.electgo.com](http://www.electgo.com)

## ARCHITECTURAL | DECORATIVE | SMART | CUSTOMISED LIGHTING

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Light Journey is a team of lighting specialists spread across LKHGC. With a keen interest in the intersection of spatial design and light, Light Journey serves as a technical solutions expert, and the primary intermediary between global lighting manufacturers and the local design & construction industry.

[www.lightjourney.com.sg](http://www.lightjourney.com.sg)



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## OUR SERVICES

*With strong expertise and experience, we are poised to serve all industries locally with confidence and commitment.*



### PRODUCTS DISTRIBUTION

As the leading electrical material distributor in the market for more than six decades, customer satisfaction are always our top priority. We carry an inventory of more than 20,000 SKUs to support our customers with shortest lead time.



### SOURCING & PROCUREMENT

We provide product sourcing & procurement support. With our extensive network in the industry, we are able to source the best fit products with right manufacturers who offering the best price options in supporting your needs.



### INVENTORY MANAGEMENT

We support our customer by providing inventory management for committed orders based on mutual agreements. We keep stocks on critical parts and dispatch according to customers' project schedules.

## VALUE ADDED SERVICES

*In order to serve our customer better, we offer the following added services but not limited to:*



### LIGHTING SERVICES

We provide lighting design, installation & retrofitting, testing & commissioning services for all buildings, offices and facilities projects.



### EVC SERVICES

We provide electric vehicle charger (EVC) services, including on-site consultation, installation, testing, commissioning, and maintenance.



### PLC CONVERSION

We provide programmable logic controller (PLC) conversion services where programming, testing and commissioning the PLC to new system.



## ELECTRICAL & CONTROL



### INDUSTRIAL CONTROL PRODUCTS

Pilot Light, Push Button & Signalling.

Industrial Ethernet Switches.

- Selector Switches.
- Cam Switches.

Beacons and Sirens.

- Signal Beacons.
- Alarm and Sirens.
- Human Machine Interfaces (HMI).

Timers and Relays.

- Relays.
- Timers.
- Smart Relays.

Power Supply Units

Control Stations.

- Customised Control Stations.

Contactors

Logic and Control.

- Programmable Logic Controller (PLC).

Sensors (Detection).

- Limit Switches.
- Safety Curtain Sensors.
- Vision Sensors.
- PowerTag Energy Sensors
- Photoelectric Sensors.
- Proximity Sensor.

Motion and Robotics.

- Inverters.
- Robotics.
- Servo & Drives.



### ELECTRICAL DISTRIBUTION & PROTECTION

Circuit Protection & Circuit Breakers.

- ACB, MCB and MCCBs.
- RCCB and RCBs.
- Auto Recloser.
- Thermal Magnetic Circuit Breakers
- Motor Protection Circuit Breakers.

Lightning and Surge Protection.

Arc Flash Safety Devices.

Switchboards Management System.

- Power System Monitoring & Control
- Automatic Transfer Switches.
- Switch Disconnectors.
- Fuses and Fuse Holders HV & LV.
- Distribution Boards.

### EXPLOSION PROOF PRODUCTS

- Ex-Pilot Light, Push Button & Signalling
- Ex-proof Signal Beacons.
- Ex-Alarm and Sirens.
- Ex-Power Supply Unit.
- Ex-Contactors.
- Ex-Control Station
- Ex-Motor Starters.

### MOTOR CONTROLS & DRIVES

Motor Starters & Protection Components.

- Variable Speed Drives (VSD)
- Soft Starters.





### ENERGY MANAGEMENT & POWER QUALITY

#### Energy & Power Measurement Devices

- Energy Meters
- Power Meters
- Energy Monitoring
- Ammeters
- Voltmeters



### ENCLOSURE & WIRING ACCESSORIES

#### Enclosures and Junction Boxes

- Enclosures
- Junction Boxes

#### Cable Glands

#### Terminals and Distribution Blocks

- Distribution Blocks
- Modular Terminal Blocks
- Customise Enclosure System & Components
- Customise Ex-enclosure System & Components

#### Cable Ties & Cable Accessories

#### PVC Slotted Trunking



### WIRING DEVICES & ACCESSORIES

#### Industrial & Domestic Plugs & Sockets

- Enclosed Isolator Switches
- Wired Portable Boards IEC309 for Construction Site
- Cable Reel Extension Switch Sockets
- Weatherproof Plugs and Sockets

#### Motion Sensors (PIR)

### CABLES & CABLING SYSTEMS

#### Electrical Cables

- Power, Control & Instrumentation Cables
- Medium Voltage Cables
- Fire Resistant & Flame Retardant Cables
- Customised Cables

#### Cables Management System

- HV & LV Cable Termination Kits
- HV & LV Cable Jointing Kits
- PVC Conduit Pipe & Accessories
- Stainless Steels Conduit Pipes & Accessories
- NPT Conduit Pipe & Accessories
- Cable Trays and Cable Ladder Systems
- Cable Cleat Solution for Short Circuit Protection
- Chemical Resistant Cable Ties
- Stainless Steel Cable Ties & Tools
- Electrical Tapes
- Self Fusing HV Rubber Tapes
- Mastic Tapes Conduit Clips and Clamps
- HV & LV Cable Lugs & Connectors
- Cable Slabs

#### Control Panel Solution

- Terminals and Ferrules
- Abrasive Protection Products
- Crimping Tools and Cable Cutters
- Wire Duct & Accessories
- Cable Ties and Tools
- Cable Accessories







## LIGHTING

Supply & Installation | Smart Lighting Integration | Lighting Design | Lux Simulation | Rendering

### SMART AND GREEN LIGHTING SOLUTION



#### CONNECTED LIGHTING

Transform operations and reap the benefits of a connected lighting system. Upgrade your spaces to and introduce a level of remote monitoring, control, reporting and analysis. A connected lighting system can effectively form the IOT infrastructure for a smart building and asset management system, stretching the application of lighting beyond illumination. Connected lighting is thus the first step towards a smart system and futureproofing your organisation for advancements and digitalisation.



#### ENERGY SAVING LIGHTING

While lighting is a vital component of our everyday lives it is also important to consider the impact of excessive energy usage from an ecological perspective, as well as the strain on societal infrastructure. By selecting LED fixtures over conventional lighting, there is already 40–55% energy savings, depending on the type of lamp & control gear. By further adapting LEDs into a smart system, energy savings can go up to 70–80%, depending on the location and applications. Finally, by selecting vendors that engage in technological advances and green logistics practices, you are playing your part to support sustainability in the lighting industry.



#### 3D PRINTED LIGHTING

Product design for a circular economy is a crucial step in a company's sustainability plan. 3D printed lighting takes the concept of a circular economy one step further with its materials being 100% recyclable and a reduced carbon footprint of up to 75% compared to traditional aluminum die-cast lighting.

### UV-C LIGHTING



In the current endemic stage, it is important to keep the work environment free of viruses. Philips UV-C lighting solutions have been proven in the laboratory to inactivate 99% of SARS-CoV-2 virus on a surface with an exposure time of 6 seconds. The extensive range of their UV-C lamps can be integrated into luminaires and equipment of all sizes to treat the surrounding air and work surfaces.

### HAZARDOUS AREA LIGHTING



Facilities such as petrochemical, oil refinery and grain storage require enhanced protection in addition to the basic illumination function of their luminaires. Hazardous rated luminaires for these industries are designed to contain sparks within the fixtures to prevent ignition of fumes in the working environment.





## LIGHTING APPLICATIONS





## VISUAL SAFETY



*Safety Signs are crucial in preventing injury and ensuring staff / visitors are well aware of possible dangers, as well as hazards ahead in certain situations and/or environments.*



### LABEL PRINTERS

From handheld and portable to high volume and high resolution color, Brady offers a full line of printers to suit all of your on-demand identification needs. These label makers are designed to print on a wide range of industrial materials to ensure you have long lasting identification in every application.



### SAFETY SIGNS & LABELS

We offer more than 8,000 different pre-made signs for safety, maintenance and facility identification. The signs are compliant with the latest standards and regulations, and designed to withstand the harshest industrial environments.



### CUSTOMISED PIPE & VALVE IDENTIFICATION

Brady's high performance and customizable pipe markers allow you to easily identify pipe contents and flow direction that keeps your facilities safe and compliant. Pipe marker are suited for various industries such as marine, chemical, oil & gas, food & beverage.



### CHEMICAL COLOR LABELS PRINTERS

With Epson's ColorWorks, you can create full color GHS compliant labels on synthetic materials that are waterproof, smudge-proof & alcohol and chemical resistant.



### WIRE & CABLE MARKER

Desktop / portable wire & cable labelling printers are essential tools for technicians and production team. These printers are easy to use and have a wide range of available label materials and built-in app for creating wire and cable labels on-site and on-demand.



### FLOOR MARKING

We are distributing a wide range of floor tapes with easy installation, great durability and leaves no residue behind upon removal. The industrial grade floor tape can withstand industrial brush scrubbers, forklifts, truck traffic, etc.



## WORKPLACE SAFETY



*The process of protecting employees from work related illness and injury.*



### LOCKOUT TAGOUT (LOTO) SOLUTIONS

Lim Kim Hai Electric has everything you need from group lockout best practices and visual lockout procedure labels to lockout devices to be your one-stop shop for lockout tagout solutions.



### ABSORBENTS & SPILL CONTAINMENT (SPC)

When a spill occurs, having a proper spill control program that enables a quick and effective response not only helps to protect the environment, but also supports a safe and productive workplace for your employees. We offer universal absorbents, oil-only absorbents and chemical absorbents.



### MISSION CRITICAL COMMUNICATION

Whether it's communications that save lives or information that keeps a business moving, two way radios are built to get the message through efficiently. Motorola Solutions' two way radios ensures first responders stay connected in the toughest conditions.



### AUTOMATED LIGHTNING RISK ALERT SYSTEM

Our Automated Lightning Risk Alert System have been installed in more than 500 location sites covering Singapore and overseas markets. It is designed based on NEA Singapore or other lightning mapping service provider.



### GAS DETECTION SYSTEM

Crowcon offers a wide range of industrial gas hazards with single gas and multigas monitors for personal monitoring and portable safety applications. With a wide range of sizes and complexities, you can select the right solution depending on the number and types of gas sensors you need.



### CABLE JACKET REPAIR SOLUTIONS

3M Electrical Tapes are a robust solution for repairing cable jacket damages. Our tape repair procedures fit PVC and rubber cables for low and medium voltage. They're convenient for work in confined spaces and are a durable and costeffective solution for both temporary and permanent cable maintenance.





## PERSONNEL SAFETY



*All accidents are preventable. PPE protects its user against any physical and internal harm in a hazardous workplace environment. The objective is to minimize or completely avoid any injury or damage caused by a workplace accident.*

*The protective gear guards its user's head, eyes, ears, respirator, hands, and feet against any risks.*



RESPIRATOR



FALL PROTECTION



HEAD



EYE



HEARING



FACE



FOOT







## SAFETY SERVICES

*Lim Kim Hai Electric has a team of experienced safety specialists who are certified to conduct respiratory and ear fit tests. Fit Testing can be conducted on-site and a minimum transportation fee would be imposed for groups below 5pax.*

*Contact us at [customerservice@limkimhai.com.sg](mailto:customerservice@limkimhai.com.sg) to make an appointment.*



### QUALITATIVE FIT TESTING (QLFT)

Qualitative fit test (QLFT) methods rely on a taste, smell or irritation from the test agent. Safety Managers are reminded to request for an Authorised letter from the FIT tester's company before proceeding. Any FIT test conducted by non accredited companies may be subjected to be non compliant to Singapore Standards SS 548:2009.

Lim Kim Hai Electric is proud to be accredited by 3M Singapore. Our FIT test trainers are trained & qualified for their competency.



### QUANTITATIVE FIT TESTING (QNFT)

Quantitative fit test (QNFT) methods generate a numerical assessment of respirator fit. Lim Kim Hai Electric is qualified to conduct Quantitative Fit Testing using PortaCount® Pro+. Our fit testers are trained and qualified for its competency. An ID card with 1-year validity will be issued after completing the quantitative fit test.



### E-A-Rfit DUAL-EAR VALIDATION

3MTM E-A-Rfit™ Dual-Ear Validation System helps determine whether workers are receiving adequate protection from their hearing protector by measuring across 7 standard frequencies in under five seconds, providing a detailed report on the noise attenuation performance of earplugs or earmuffs and a pass or fail rating for each individual person based on the employee's Personal Attenuation Rating (PAR).



## INDUSTRIAL SOLUTIONS



*Our specialists have customised in-house C.M.S (Corrosion Management Solution) and F.I.R.M (Facilities Improvement, Repairs and Maintenance) solution to resolve common challenges faced by industrial customers.*



### CORROSION MANAGEMENT SOLUTION (C.M.S)

Surface corrosion can have a huge damage impact to the building architecture, which may cause a system to shut down or impair the quality of the environment. Introducing our solutions, Liquid Epoxy Coating and VentureClad Jacketing, that helps to reduce maintenance cost and improve uptime.



### AUTO LUBRICANT SYSTEMS

With automatic lubrication systems, the lubricant is discharged into the lubrication point at the right time, in the required amount and optimal quality. No mixing of lubricants occurs, because only the lubricant from the lubrication system is applied to the lubrication point.



### HEAT AND MOISTURE DETECTION

Easy to install battery free and wireless sensors that monitor critical power transmission and distribution equipments such as switchgears, transformers, VFD and plant equipments in real time. Be alerted in advance before failure strikes. Reduce operating expenses via early diagnosis and repair planning.



### COLD SHRINK CABLE JOINTS AND TERMINATIONS

Cold Shrink technology: a revolutionary alternative to traditional heat shrink cable joints and terminations that can be installed in a fraction of the time, without the need for special equipment or permits.



### PREVENTIVE, WEAR AND TEAR MAINTENANCE AND REPAIR

Our solutions for maintenance, repair and operations, also known as MRO, or industrial maintenance offer full suite of maintenance adhesives, repair epoxies, lubricants, coatings, sealants and quick fix solutions. Each one works to fill up the crack & holes, reduce downtime and improve the reliability of equipment & machinery by preventing mechanical failures, eliminating leakages, etc.



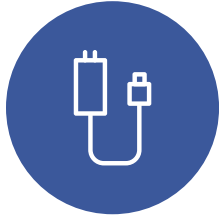
### ELECTRICAL CONNECTIVITY FAILURE

Various electrical components are installed in enclosures and located outdoors exposed to sun and rain which over time may degrade and the seal of the box may be compromised. We offer electrical insulating resin which is useful for sealing, electrical insulation and provide mechanical protection. The multi-purpose, moisture-sealing resin bonds to nearly all cable jackets.



## ELECTRIC VEHICLE (EV) CHARGING SOLUTION

Contact us at [customerservice@limkimhai.com.sg](mailto:customerservice@limkimhai.com.sg) for an on-site consultation without obligation.



### EV CHARGER SUPPLY

We supply the best value electric vehicle chargers (EVC) from reliable partners to ensure safe and smooth charging experience.



### EV CHARGER INSTALLATION

We offer installation services by Certified Electrical installers, with endorsement by LEW to ensure the charging infrastructure is aligned with Singapore rules and regulations.



### MAINTENANCE SERVICES

Support doesn't end at installation. We provide after-sales maintenance services to help your EVC system run with maximum up time and in good conditions.



### EV CHARGING SOFTWARE

We provide the complete suite of EVC infrastructure which includes charging management systems and cost effective secured payment gateway solution.

## EVC APPLICATIONS

Warehouse - Commercial - Residential - Industrial





## NETWORK & PARTNERS



### TOGETHER, WE CAN SERVE YOU BETTER

Cooperation is one of the keys to our success. Over the years, we have built a wide and strong network of partners and associates, with each of whom we enjoy a trusting and mutually supportive relationship. It is by working hand-in-hand that we are able to deliver the very best quality and service to our customers, each and every time.

**3M**

**ABB**

**BRADY**

**brother**  
at your side

**CCG**  
CABLE TERMINATIONS

**EATON**  
Bussmann series

**EATON**  
CEAG products

**EATON**  
Crouse-Hinds series

**Electrix**  
INTERNATIONAL LTD

**EPSON**  
EXCEED YOUR VISION

**IWASAKI**

**FIMER**

**FLUKE**

**Fuji Electric**



**GEWISS**

**HAWKE**  
International

**IBOCO**

**IDEC**

**Kraus & Naimer**  
BLUE LINE switches

**legrand**

**MAX**

**MEDC**

**MK**  
by Honeywell

**NICHIFU**

**OMRON**

**OSRAM**

**PANDUIT**

**PHILIPS**

**Schneider**  
Electric

**SIEMENS**

**S/LITE**  
Special solutions for lighting and energy

**Tai Sin**

**TE**  
connectivity

**entrelec**

**Weidmüller**

**WERMA**  
SIGNALTECHNIK

and more...