



ONE STOP SOLUTION

With a history that stretches back for more than six decades, Lim Kim Hai Electric is today Singapore's Leading Distributor of Electrical, Control, Lighting, Safety, Maintenance & E-Mobility Solutions.

ELECTRICAL

CONTROL

LIGHTING

SAFETY

MAINTENANCE

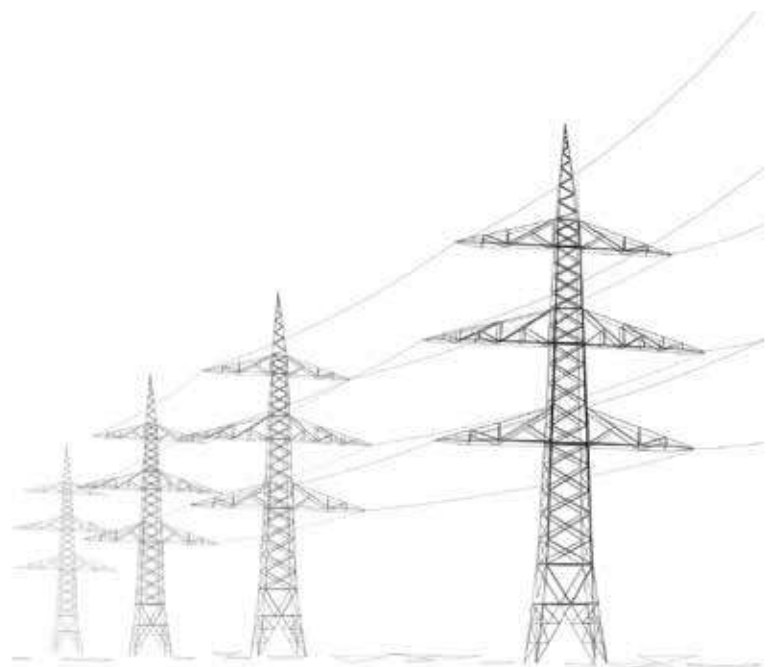
E-MOBILITY

ABOUT

LIM KIM HAI GROUP OF COMPANIES

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 | MAINTENANCE | E-MOBILITY



Singapore's leading distributor of electrical, control, lighting, safety, maintenance solution and E-mobility 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

PREDICT | CONTROL | MONITOR



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

POWER | LIGHTING | DATACOMM | EMF TESTING SERVICES



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

B2B E-COMMERCE



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

ARCHITECTURAL | DECORATIVE | SMART | CUSTOMISED LIGHTING



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



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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 RCBOS
- 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 future-proofing 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.

HUMAN-CENTRIC LIGHTING



Mimicking natural daylight with a dimmable, colour tuning LED lighting system makes occupants feel more energised & less stressed, improving overall productivity and output. In addition, implementing a lighting scheme that follows circadian rhythm may be awarded up to 2 points for the Green Mark BCA Certification.

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.

astro



ERCO



MUUTO



SANS SOUCI



TARGETTI

LIGHTING APPLICATIONS



RESIDENTIAL



INSTITUTION



INFRASTRUCTURE



INDUSTRIAL



COMMERCIAL / RETAIL



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 offers innovative, business-ready solutions in durable devices that allow first responders to stay connected in the toughest conditions. With an open app ecosystem on the Android platform, software ranging from security to analytics and virtual assistants can empower your team to ensure their best is always on.



MOBILE COMMUNICATION DEVICES (ZONE 1/21)

In potentially explosive atmospheres, Ex-protected communication devices are mandatory. i.safe MOBILE phones, smartphones and tablets are, among other things, certified according to ATEX and approved for Zone 1 for gases and Zone 21 for dust. In addition, the devices provide other internationally relevant explosion protection approvals such as IECEx, CSA, EAC, etc.



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.



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.



HEAD



EYE



FALL PROTECTION



HEARING



FACE



HAND & FOOT



RESPIRATOR





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 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).



MAINTENANCE SOLUTIONS



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



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 cost effective solution for both temporary and permanent cable maintenance.



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.



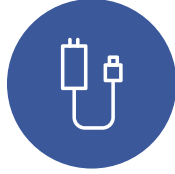
E-MOBILITY SOLUTION

Contact us at customerservice@limkimhai.com.sg for an on-site consultation without obligation.



ELECTRIC VEHICLE LEASING

Together with our partners, we are offering leasing and selling of electric commercial vehicles to help you in your decarbonisation journey.



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...