

..... Continue Malaysia CIE News

Symposium on High Quality & Energy Efficient Lighting, Hong Kong

An International Lighting Symposium on High Quality & Energy Efficient Lighting – Realities & Issues was held on 18th October 2013 in Hong Kong. It was organised by CIE Hong Kong. The symposium was attended by Mr C T Siew and Mr Narendren Rengasamy from Malaysia CIE. They were present to actively lobby for participants to attend the CIE 2014 Conference and Divisional/ Technical Meetings in Kuala Lumpur in April 2014.

The symposium provided a platform for lighting experts and industry participants to meet interested parties to discuss key issues and new trends in lighting technology. The event highlighted new directions in lighting

for commercial and public applications, both locally and globally, and sought to elevate public awareness on the importance of lighting quality. Speakers were international renowned lighting experts.

Green Energy Conference in Taipei

A conference on “New Green Energy Business Opportunity in the Emerging SEA Market” was organised by Photonics Industry & Technology Development Association (PIDA), Taiwan from 8th to 10th January 2014. Mr C T Siew and Mr Narendren of Malaysia CIE attended the event for networking and to promote CIE 2014 Conference. Mr Siew presented a paper on LED Trend and Opportunity in Malaysia. Through strong networking, Malaysia CIE received very positive response from China, Korea, Taiwan and Hong Kong. They have indicated to send a sizeable delegation each to participate in the CIE 2014 Conference.



At Hong Kong Lighting Symposium – A group photo of VIPs.



Smiles! - Visit to PIDA Taiwan.



At the Green Energy Conference in Taipei – Mr C T Siew (Malaysia CIE Chairman) and Mr Narendren (CIE 2014 Organising Chairman).

Malaysia CIE organised a seminar cum workshop on light & colour on 25th November 2013 at TEEAM and also participated in the PIDA business matching meeting on 12th November 2013 at Armada Hotel, Petaling Jaya, Selangor. Please refer page 43 & 45 for full report.



AFEEC-FAPECA Conference & Meeting 2014 in Taipei

The ASEAN Federation of Electrical Engineering Contractors (AFEEC) and the Federation of Asian-Pacific Electrical Contractors Associations (FAPECA) Conference & Meeting will provide a platform to discuss current issues, participate in open discussions and identifying trends that will impact the electrical engineering construction industry. The theme for this year's conference is “Safety”.

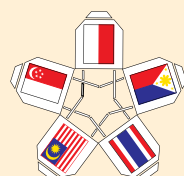
The event is hosted by the Taiwan Electrical Contractors Association (TECA) and is expected to draw delegates from Indonesia, Singapore, Philippines, Malaysia, Thailand, Hong Kong, Taiwan, Korea, Japan, Hawaii, United States, Australia and New Zealand.

TEEAM will organise a delegation to attend the conference & meeting. In between there will be some sight-seeing programme planned. For details & registration, please contact the TEEAM Secretariat.



Date : 26th – 29th May 2014
Venue : Howard Plaza Hotel, Taipei

Registration : TEEAM Secretariat
Tel : +603-9221 4417
Fax : +603-9221 8212
E-mail : teeam@teeam.org.my
Website : www.teeam.org.my





旺电器木料有限公司

(6943-D)

WONG ELECTRICAL & TEAK WOOD SDN. BHD.

8, Lorong Yap Hin, Pudu, 55100 Kuala Lumpur, Malaysia.

Tel: 603-2142 5822 (Hunting Lines), 603-2142 9218/2148 4742 Fax: 603-2142 4523/2142 2846

Email: wetkl@wongelectrical.com.my Website: www.wongelectrical.com.my



Wington Stand Fan 16"



Wington Stand Fan 20"



Wington Stand Fan 25"



Kyoritsu Tester



Shinohawa Metal Enclosure Box



Wington Wall Fan
16", 18", 20", 25", 30"



Time Switch



Wire Grip & Puller



Plug & Socket
16A - 125A



Wington Exhaust Fan
12", 15", 18", 24", 30", 36"



Shinohawa Cable Joint
SM0 1.5mm - 6mm x 4 core
SM1 1.5mm - 16mm x 4 core



Henly KWH Meter
(10/60A 240V, 15/60A 415V,
30/100A 415V, /5 415V)

Wong Electrical & Teak Wood
(Pg) Sdn. Bhd. (30263-T)

No. 13 Jalan Pantai
10150 Pulau Pinang

Tel: 604-229 2571, 2519, 3996, 3686
Fax: 604-229 3613

Branch: 28, Lengkok Kikik 1
Taman Inderawasih

13600 Prai Pulau Pinang

Tel: 604-398 0720
Fax: 604-398 0855

Wong Electrical & Teak Wood
(Sel) Sdn. Bhd. (75423-D)

No. 33 Jalan 20/14

Paramount Garden

46300 Petaling Jaya Selangor

Tel: 603-7874 8355(HL), 8251, 8135, 7876 2676
Fax: 603-7876 7175

Soon Fay Sdn. Bhd. (56058-U)

No. 13, Jalan Kalong

Off Jalan Sungai Besi

55200 Kuala Lumpur

Tel: 603-9221 6011(HL), 3313,
6759, 7036, 1264, 1262
Fax: 603-9221 0743

Wong Lighting (M) Sdn. Bhd. (72038-P)

No 17 & 19, Lorong Yap Hing

Off Jalan Pasar, Pudu 55100 Kuala Lumpur

Tel: 603-2145 6788(HL), 2145 0591

2145 0590
Fax: 603-2145 6799

Branch: No. 34 Jalan 20/16A
Paramount Garden

46300 Petaling Jaya Selangor

Tel: 603-7876 5022(HL), 7874 2409,

7876 0879, 7874 2452

Fax: 603-7876 5057

PIDA Business Partnering Meeting

A delegation of leading vendors from Photonics Industry & Technology Development Association (PIDA), Taiwan was in Kuala Lumpur last November seeking business partnering with Malaysian companies. The purpose of this visit was to promote business opportunities in the field of LED lighting and photovoltaic (PV). PIDA is a non-profit organisation established by the Taiwanese Government to promote the development of the photonics industry in Taiwan. It is actively engaged in industry research, exhibition, consultation, promotion and international cooperation.

On 12th November 2013 morning, a seminar was organised for PIDA delegates at Armada Hotel, Petaling Jaya, Selangor. They were introduced to the activities of the National Committee of CIE Malaysia (NCCIE) and were briefed on the LED lighting industry and market opportunity in Malaysia by Mr C T Siew (NCCIE Chairman) and Mr Narendren Rengasamy (NCCIE Treasurer). In the afternoon, business partnering meetings were organised between PIDA delegates and TEEAM members.



Business meeting – TEEAM and PIDA members at one-to-one business partnering meeting.



Establishing ties – (from left) Mr Narendren Rengasamy (NCCIE Treasurer), Mr C T Siew (MyCIE/NCCIE Chairman), Mr Suresh Kumar Gorasia (TEEAM International Affairs Chairman & Past President), Mr David Heah (PIDA Senior Manager) and Ms Deaphne Kuo & Ms Chen Chiu-Yen (PIDA Researchers).

Company	Main Business
Gintech Energy Corporation www.gintechenergy.com/tw	1. Monocrystalline Solar Cell manufacturing 2. Multicrystalline Solar Cell manufacturing 3. Solar Cell module manufacturing
Gushing Energy Regeneration Inc www.gushingenre.com	1. Solar grid system EPC and cloud monitor system 2. Solar hybrid/off grid system appreciation solution provider 3. Solar energy and LED lighting saving energy solution provider 4. Indoor Air Quality monitor and improve solution provider 5. Solar and LED street light solution and ZigBee monitor and control system solution provider 6. Green house ZigBee monitor system provider
Uniband Electronic Corp (UBEC) www.gushingenre.com	1. Solar grid system EPC and cloud monitor system 2. Solar hybrid/off grid system appreciation solution provider 3. Solar energy and LED lighting saving energy solution provider 4. Indoor Air Quality monitor and improve solution provider 5. Solar and LED street light solution and ZigBee monitor and control system solution provider 6. Green house ZigBee monitor system provider
Leatec Fine Ceramics Co Ltd www.leatec.com.tw	1. PV junction boxes, PV DC and AC connectors and PV cable assemblies 2. Smart junction box, smart string monitor box, solar tracker 3. OEM and ODM service
Sun Luck Electrical Equipment Co Ltd www.taiwantrade.com.tw	1. Electrical power-materials/equipment Utility network /sunluck system - tender and local inquiries. 2. Transformers, starter switches etc. 3. Lighting – LED and parts. Design OEM ODM.
Zhao Lui Solar Technology Co Ltd www.zhaolui.com.tw	1. Solar energy water heater 2. Solar power drinking water machine
Taiwan ZNSHINE Power Co Ltd http://zenpower.jp	1. Solar module and Project insurance 2. EPC and project financing (conditional)
Acmeptech Tech Co Ltd http://solar.acmeptech.com	1. Solar EPC and solar building systems 2. Solar merchandise and solar module
Qi-An Technology	1. Solar Power System design and installation
Industrade Co Ltd (Taiwan) / InformaticPte Ltd www.industrade.com.tw / www.informatic.com.sg	1. Power Semiconductor Component (ABB, IXYS, PowerSem), included MOSFET, SiC MOSFET, IGBT, Diode and etc 2. Power Electronic Hardware-In-Loop HIL Real-time Simulation System (Plexim, Typhoon-HIL) for PV inverter controller design and quality assurance

RELIABLE INDUSTRIAL LABELING TOOL

Perfect for labeling :

- ✓ Cables, Wires & fiber
- ✓ Faceplates and Outlet Covers
- ✓ Load Centers
- ✓ Security Systems
- ✓ Audio / Visual Setups



Wire Wrapping

Server / Back Office
Identification

Patch Panel
Identification



Brother Malaysia provides **FREE** product presentation with a premium appreciation gift.
For door-to-door service, please call 03-7884 9999 for appointment.

Customer Care Line: **03-7884 9999** / Email: atyourside@brother.com.my

Brother International (Malaysia) Sdn. Bhd. (529739-H)

T1-5, 5th Floor, Tower 1, Jaya 33, No. 3, Jalan Semangat, 46100 Petaling Jaya, Selangor Darul Ehsan, Malaysia, Tel: (603) 7884 9999 Fax: (603) 7884 9911

Customer Service operation hours: Monday - Friday: 8.30am - 5.30pm, Saturday: 8.30am - 1.00pm (Except for public holidays) Fax: (603) 7884 9988 (Customer Service)

Scan here for
more information
and promotions
from Brother



Light & Colour Seminar

A half day seminar cum workshop on “Light & Colour” was jointly organised by TEEAM and MyCIE (Malaysia CIE) on 25th November 2013 at TEEAM Conference Room. It was a platform for professionals and practitioners to understand complicated light and colour concepts in an easy approach. The speaker was Mr Mervin Woo from Konica Minolta Sensing Singapore Pte Ltd. The seminar cum workshop covered the basic understanding of Colour Rendering Index (CRI), Mesopic Photometry, Photopic, Scotopic and workshop on Light Measurement.

The seminar was well attended by 40 participants. They were lighting manufacturers, electrical contractors, traders, engineers and researchers. It was an informative seminar which had benefited all the participants.



Good response – The seminar was accredited with CIDB CCD points and BEM CPD hours.



Speaker – Mr Mervin Woo sharing his knowledge.



A token of appreciation – (right) Mr Mervin Woo received a souvenir from Mr C T Siew (MyCIE Chairman).



For the album – The MyCIE Committee posing with the speaker and participant before the seminar.



Workshop – Participants captivated by the interesting explanation.

POWERDUCT BUSDUCT

Power Plug Busduct Sdn Bhd specialised in manufacturing Low Voltage (up to 1000V) and Medium Voltage (up to 35KV) busduct system and accessories branded as Powerduct. Powerduct Busduct is an ideal means for the Power Distribution system.

Powerduct provides the following benefits:

1. Super Compact and Lighter in weight
2. Low Impedance
3. Total Enclosed with 100% Extrusion Aluminum
4. Greater Heat Dissipation
5. Greater Earth capacity
6. Dust Free
7. Corrosion Free
8. Easy and faster Installation
9. Lower Installation Cost
10. Fully type tested based on the IEC60439-2, 3rd ed, 2000-2003, and Amendment A12005-2008
11. European Certified Product
12. KEMA Keur Quality
13. CE Marked Product
13. Higher Ingress Protection (up to IP68)
14. Bridge Type Joint stack provide double contact at the connection area
15. Available in both Aluminum and Copper as Conductor

STAY COMPETENCE



JOB REFERENCE:

More Than 1000 Jobs has been installed in Worldwide market such as;

OIL & GAS INDUSTRIES
MEDICAL CENTER
RAILWAY LINE STATION
AIRPORT
FINANCIAL CENTER
COOLING TOWERS
HEAVY INDUSTRIES
HIGH TECH INDUSTRIES
SMALL AND MEDIUM INDUSTRIES
EDUCATION BUILDING
POWER STATION
SHIPYARDS
SHIP
HIGH RISE RESIDENTIAL TOWER
TUNNELS
TELECOMMUNICATION TOWER
COMMERCIAL BUILDING AND COMPLEX
DATA CENTER
HOTEL

Power Plug Busduct Sdn. Bhd. (545918-D)
Lot 19, Jalan SILC 2, Kawasan Perindustrian SILC,
79200 Nusajaya, Johor, Malaysia.

Tel: +607-532 1988(Hunting Line)
+607-532 1922
+607-532 1299
Fax: +607-532 1177

www.ppbc.com.my

Technical Visit to 3M Innovation Centre

The TEEAM Membership Recruitment Sub-Committee organised a technical visit to 3M Innovation Centre in Bukit Jelutong, Shah Alam on 12th November 2013. Some 34 members participated in the visit which was headed by Mr Stan Lim (Membership Recruitment Chairman).

A welcome speech was delivered by Mr Lim Geok Tian (Head of Technical), followed by a corporate presentation by Mr Chris Loo (Marketing Excellence Manager). Thereafter members were briefed on 3M electrical & electronics products and technologies.

In the afternoon session, members were taken to a tour of 3M Innovation Centre which has 12 pavilions, each one showcasing the technologies and innovations in various fields such as medical, electrical, electronics, oil & gas, automotive, communications, home

care, personal safety, etc. Participants had the opportunity to view and learn about the latest 3M products and technology available in the market.

It was a beneficial and fruitful technical visit. TEEAM wishes to record its appreciation and thanks to 3M for the interesting visit and warm hospitality.



Smile – Group photo for remembrance.



Yummy food! – Participants enjoying lunch sponsored by 3M.



Networking – (from left) Ir Chang Yew Cheong (Council Member), Mr Stan Lim (Membership Recruitment Chairman), Mr Suresh Kumar Gorasia (Past President), Mr Jason Lee (Member) and Mr V Perumal (Council Member).



Souvenir presentation – (right) Mr Suresh Kumar Gorasia (TEEAM Past President) presenting a souvenir to Ms Angie Chin (3M Division Manager) as a token of appreciation for their hospitality.



Head of Technical – Mr Lim Geok Tian delivered his welcome speech.

75% less energy, 82% less carbon. High-performance results by design.

Include Schneider Electric at the design phase of your next building project to reduce environmental impact, ensure occupant satisfaction, and maximise asset value.

Positive energy

Green Office[®] Meudon, France:

Low energy design and renewables enable positive energy: 62 kWh/m²/year generated vs. 39 kWh/m²/year consumed.

5%

less sick time

Genzyme Center, US:

Reduced energy use by 42%, water use by 34%, and employee sick time by 5% when compared to the previous headquarters.

€21M

saved over next 20 years

Musgrove Park Hospital, United Kingdom:

A 43% reduction in carbon emissions and energy savings of €21M (£17M) achieved with an energy savings performance contract.

82%

less carbon emissions

Mirvac School of Sustainable Development, Bond University, Australia:

Reduced carbon emissions by 82% and energy use by 75% when compared to a building of similar size and function.

Comprehensive support throughout your project

You have a vision for your buildings that includes sustainability, high performance, and innovation. Whether you are planning new construction or a major retrofit, these goals can be undermined by the traditional construction approach, which leads to siloed systems with inefficiencies, wasted resources, and a lack of data sharing. To combat these challenges, Schneider Electric[™] offers a 'design-for-performance' approach with solutions that drive energy efficiency, occupant comfort, and profitability. At the planning stage of the integrative design process, we contribute energy management and green building expertise — resulting in designs that optimise your buildings for long-term high performance and provide flexibility to meet the evolving needs of occupants. During construction, we deliver an integrated technology solution through EcoStruxure[™] system architecture. EcoStruxure enables the aggregation of data from multiple systems, allowing you to see, measure, and manage environmental metrics across your building portfolio. Armed with actionable information, you can achieve today's goals while having visibility into portfolio performance to meet future green and energy mandates.

Solutions that achieve triple bottom line results

Schneider Electric helps you get the job done right, on time, and on budget, to help you achieve measurable results for people, profit, and planet. Increased occupant satisfaction, productivity, and well-being will come from intelligent building controls and workspaces. Our design-for-performance approach also delivers lower operating costs, higher rental rates, and improved occupant retention rates, resulting in increased portfolio asset value. Most significantly, our solutions reduce energy use and carbon output, helping you to achieve environmental certifications and meet corporate social responsibility commitments. Our life-cycle performance services ensure that you achieve sustained results over the full life of your building portfolio. Whether building new or retrofitting, make your high-performance vision a reality with Schneider Electric.

EcoStruxure



EcoStruxure architecture enables the convergence of five key domains: Building, Power, Process & Machine, IT Room, and Security Management. This scalable integration leverages open standards across both Schneider Electric and third-party offers. We deliver integrated software, systems, and applications with a single user-interface, available locally and remotely, to view and manage one building or an entire portfolio.

Experience that benefits your building project



The Schneider Electric headquarters in France was the first building certified under the **ISO 50001** standard for energy management systems.

To achieve this, we used our own solutions to integrate the most advanced products and technologies into a single architecture managed via one software system. This brought many benefits including the lowering of energy consumption significantly to 80 kWh/m²/year*. Let us show you how to leverage this experience in your next project.



Improve your buildings' performance today!

Download "Why invest in high-performance green buildings?" and stand a chance to **WIN** 1 out of 20 anti-slip pad.

Visit www.SEreply.com Key Code 52335m

Schneider Electric

..... Continue Technical Visit to 3M Innovation Centre



Products presentation – Mr Kuek Choon Heon (Electrical Marketing Division) briefing on 3M products.



Briefing – Mr Chris Loo (Marketing Excellence Manager) giving an overview of 3M Corporation.

Tour of 3M Innovation Centre



Best always comes from A Global Electrical Installation Systems

GEWISS



Industrial Automation (M) sdn bhd (29039-D)

KL - 03-9221 0511 \ Klang - 03-3342 2022 \ JB - 07-3866 514 \ Baru Puhat - 07-4331 688/7988 \ Kuantan - 09-5661 321
Melaka - 06-3178 371 \ Sg. Petani - 04-480 222 \ Ipoh - 05-2534 052 \ B'worth - 04-3319 901 \ Kuching - 016-6684 997



www.iasb.com.my

Talk on Electrical Safety at Workplace

A half day talk on Electrical Safety at Workplace was held on 19th September 2013 at TEEAM Training Centre. Organised by the TEEAM Education & Training Sub-Committee, the talk attracted some 41 participants. The speaker was Mr Harpajan Singh Dhillon who is a specialist trainer in electrical and power system training. He is also a Member of the Education & Training Sub-Committee.

Participants were briefed on the electricity acts and regulations, and electrical safety pertaining to their workplaces. They also gained important knowledge of the “do” and “don’ts” when handling electrical equipment/appliances. Mr Harpajan also presented case studies on electrocution. He showed a video on electrical safety to add interest to the talk.

Apart from the safety talk, 3M Malaysia also collaborated in displaying safety products during the event. Live demonstration was carried out to give participants a better understanding of the latest safety products available in the market.

It was a fruitful and interesting talk for all present.



Speaker – Interesting presentation by Mr Harpajan Singh.



For the album – (from left) Mr Lai Yoke Wah (Education & Training Committee Member), Ir Kok Yee Hin (Member), Mr Lai Sea Sen (Member), Mr Tan Eng Liang (Council Member) and Dato' Ir Lee Peng Joo (Past President & Adviser).



Full attention – Participants listening attentively to the presentation.



Display of products – Participants viewing 3M's range of safety products.



Thank you – (centre) Mr Suresh Kumar Gorasia (Past President) presenting a token of appreciation to the speaker, Mr Harpajan Singh. With them is Mr V Perumal (Education & Training Chairman).



Education & Training Chairman – Mr V Perumal welcoming the participants.



前鋒電器有限公司

STRIKER ELECTRIC SDN BHD (86357-A)

Lot 2, Jln P10/15, Kawasan MIEL Bangi Phase IV, Bangi Industrial Area,
43650 Bandar Baru Bangi, Selangor Darul Ehsan.
Hunting Line: (603) 8922-1188

fax: (603) 8922-1818 (Sales). 8922-2828 (Account)

Email : strikerselect@yahoo.com Website : www.striker.com.my (Sabah Branch : Tel : 088-421488 Fax : 088-439488)

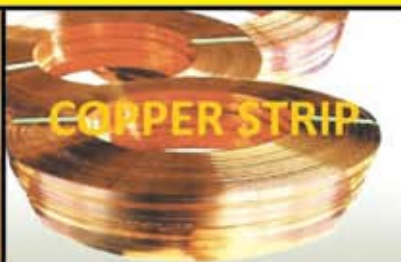
**STOCKIST AND DISTRIBUTOR OF IMPORTED AND LOCAL-COPPER BARS, STRIPS,
ENAMELLED COPPER WIRE, INSULATING MATERIALS, ELECTRICAL & ETC.**



COPPER SHEET



COPPER PROFILE & ANODE



COPPER STRIP



**SILVER BEARING
COPPER ALLOY**



**HOLLOW ROUND SQUARE
& HEXAGON BAR**



COPPER BUS BAR



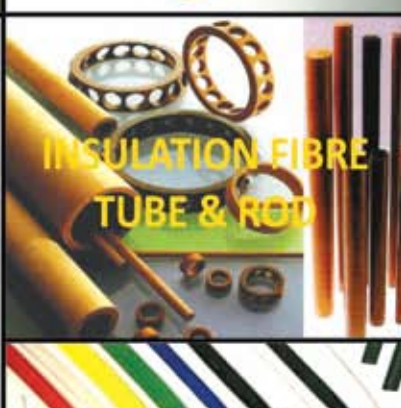
COPPER ROD



**ENAMELLED & FIBRE
GLASS COATED
COPPER WIRE**



INDUSTRIAL FAN



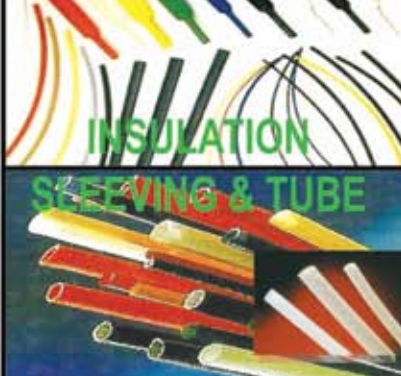
**INSULATION FIBRE
TUBE & ROD**



NYVIN CABLE



**PORTABLE EVAPORATIVE
AIR COOLER**



**INSULATION
SLEEVING & TUBE**



**INSULATION HIGH
TENSION TAPE**



INSULATION FILM MICA FIBRE PAPER & SHEET

Technical Visit to Pekat Solar

TEEAM organised a technical visit to Pekat Solar in Kota Damansara, Selangor in the morning of 20th December 2013. It attracted some 32 participants. The technical visit aimed to acquire an update on Solar Photovoltaic (PV) technology and to create opportunities to promote solar PV business.

The participants were welcomed by Ms Abigail Tee (Assistant Marketing Manager). A briefing on solar PV was presented by Ir Tam Rong Yan (Technical Specialist) and thereafter members were taken to a site tour where they had the opportunity to view the PV modules. During the tour Mr Hector Tee (Assistant Project Manager) briefed the participants on PV solution system.

Pekat is a competent solution provider specialising in the design, supply, distribution and installation of lighting protection, earthing system and surge protection technology. Pekat has grown by leaps and bounds since its inception and expanded its horizon and ventured into PV technology. Its system is recognised by Malaysia Energy Centre as

a system that suits power requirement and environment preservation which is in line with Malaysia's latest Green Building Index requirement.

TEEAM wishes to record its appreciation and thanks to Pekat for the interesting technical visit and warm hospitality. It was informative and beneficial to all the participants.



Fruitful Visit – A group photo taken after the visit.



Introduction – Ms Abigail Tee giving a short presentation on Pekat Solar.



Networking lunch – Participants enjoyed their lunch at Pekat's rooftop garden.



Briefing – An interesting presentation by Ir Tam Rong Yan (Technical Specialist).



Technical tour – Members being briefed on the photovoltaic solution system by Mr Hector Tee (Assistant Project Manager).



Understanding PV – Electricity generated from the inexhaustible sun.

Accessories



Connector, Multi Range Line Tap, Phase Distribution Block.



Protector Trip Relays.



The Cubicle Onload Changeover Switch (63A - 3105A, 415V, AC - 23A).



Fully Electronic AC Voltage Stabilizer and Power Line Conditioner



STANTRIC SDN. BHD. (218-406-P)

No. 8 & 10, Jalan Perdana 2/3A
Pandan Perdana, 55300 Kuala Lumpur
Tel: 603-9281 0688 (4 Lines)
Fax: 603-9281 0689 / 9287 9482
E-mail: stantric68@gmail.com

State Associations News



Penang Electrical Merchants' Association

No. 171A, Malacca Street, 10400 Penang.
Tel: +604 - 229 0195 Fax: +604 - 228 4233
E-mail: pema_pg@yahoo.com
Website: www.pema.org.my

One Day Seminar on Earth & Lightning Protection, Electronic Surge Protection System, High Security System Including Application & Technology For High Voltage Gas Insulated Switchgears (GIS)

PEMA with the support of Tokai Group of Companies & NHVS Group of Companies, Hong Kong organised a one day seminar at the Northam Suite Hotel, Penang on 29th October 2013. There were two topics of which the first topic, Earth & Lightning Protection, Electronic Surge Protection System and High Security System was conducted by speakers from Tokai Engineering Sdn Bhd headed by Tokai CEO, Dato' Jimmy Lim. The second topic, Application & Technology for High Voltage Gas Insulated Switchgears (GIS), was conducted by David Wong, Sales & Technical Director of North High Voltage Switchgears (NHVS), Hong Kong. The organising chairman is PEMA Technical Committee Chairman, Ir Lee Weng Keen. The short course covered an introduction to the General Principle, Risk Assessment, Physical Damage & Life Hazard of the Electrical & Electronic System. The second part emphasised on the latest application & technology for High Voltage Gas Insulated Switchgear (GIS).

The response to the seminar was encouraging with 90 participants. CIDB and the Board of Engineers have approved the seminar for 10 CCD points and 6 CPD hours respectively. The course is also HRDF claimable. Each participant was presented with a certificate of attendance at the end of the seminar.



For the album – An informative seminar was successfully organised with 90 participants.

TNB Briefing on New Process Flow for New Supply Application

TNB Pulau Pinang invited PEMA to participate in a briefing on the new process flow for new supply connection which was held at TNB Pulau Pinang on 4th December 2013. The briefing was attended by about 20 PEMA contractor members headed by Deputy President, Ir Lee Weng Keen. Ir Lee informed that with the implementation of the new process which would start on 16th December 2013, consumers would be able to get their electricity supply fast and without delay within 7 days. He lauded TNB Pulau Pinang for the good news and informed that the full details have been downloaded onto the PEMA website for members to check it out.

PEMA Walkathon 2013

The PEMA Walkathon was again held at the Air Itam Dam on 4th November 2013. The organising Chairman, Mr Lim Kim San said that the yearly event was to instill health and active consciousness amongst PEMA members and their families. Some 200 members and their employees and families participated in the event. Food and drinks were served and there were attractive prizes for lucky draws and for the winners.



Overwhelming response – A group photo taken before the event started.



Sabah Electrical Association

Lot No. 3-3-R, Beverly Hills Plaza, Jalan Bundusan,
88300 Kota Kinabalu, Sabah.
Tel: +6088 - 712 358 Fax: +6088 - 717 358
E-mail: pes233sabab@gmail.com

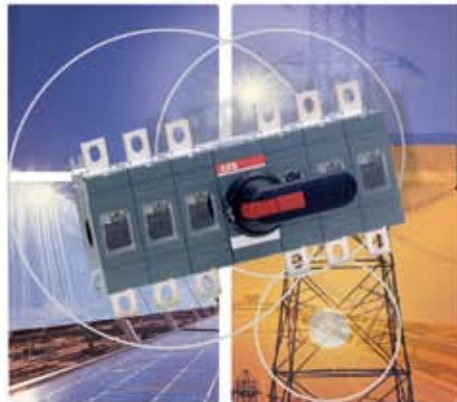
Presentation of Book Prizes to University Malaysia Sabah Electrical Engineering Students

On 12th November 2013, PES President Mr Woo Soo Poo was invited to present four book prizes to UMS students of which two book prizes were from TEEAM and the other two from PES. The event was held at UMS Canselor Hall with the presence of UMS staff, TEEAM Council Member, Ir KT Lim and also PES Committee Members. The main objective of the presentation of book prizes to these four electrical engineering students is to encourage more students to take up electrical engineering especially at University level.



Well done – Book prize recipients posing with PES & TEEAM officials and UMS staff members.

Power and productivity
for a better world™



No. 23, Jalan Anggerik Vanilla 31/93, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia
TEL: +603 5122 8859 / +603 5122 7759 FAX: +603 5121 8859 EMAIL: info@kuasajati.com
WEBSITE: www.kuasajati.com

..... Continue State Associations News

Assisted Rural Wiring Scheme Meeting with Sabah Electricity Sdn Bhd

A meeting was held at Wisma SESB on 13th November 2013, chaired by Datin Norzian Ismail (SESB Distribution Project Manager) with the presence of PES President, Mr Woo Soo Poo and also the appointed new contractors of ARWS Project. ARWS is a joint project of SESB & PES registered members to assist the rural poor families in all eight zones of Sabah to have basic wiring installed in their homes.



Meeting SESB – SESB Distribution Project Manager, Datin Norzian, PES President, Mr Woo Soo Poo, SESB Staff and the newly appointed contractors from PES registered members having discussion.

Seminar on Techniques to Achieve Good Electrical Connection

Conway Terminal Manufacturer Sdn Bhd organised a seminar for PES members on 17th September 2013 at PES Office. The objective of the seminar was to provide technique in achieving good electrical connection, execute good electrical connection and differentiate the types of electrical connection and procedure. 23 PES members attended this half day seminar presented by Mr Ng Choon Guan, Managing Director of Conway Terminal Manufacturer together with his Manager, Mr William Chang.



Seminar in progress – Presentation from Mr Ng Choon Guan, Managing Director of Conway Terminal Manufacturer.



Educational – Cable lugs and tools on display.



Sarawak Electrical Association

Lot 412, (2nd Floor), Lorong 11D,
Off Jalan Ang Cheng Ho, 93700 Kuching, Sarawak.
P. O. Box 1494, 93730 Kuching, Sarawak.
Tel: +6082 - 423 145 Fax: +6082 - 429 011
E-mail: jfchew5846@yahoo.com

CNY Gathering

Sarawak Electrical Association (SEA) organised a Chinese New Year (CNY) gathering on 16th February 2014 at a local restaurant. Some 100 SEA members and their families attended the happy occasion. SEA Past Chairman, Mr Ling Chick Ngai handed "ang paws" to the member's children.



Networking – Members catching up with current news.



Generous gesture – (centre) SEA Past Chairman, Mr Ling Chick Ngai handing out "ang pow". Looking on is SEA Chairman, Mr Francis Chew Joon Fah.



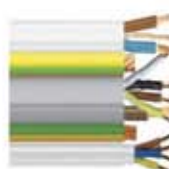
FULBAN SDN BHD (278027-T)

No.37, Jalan Kuchai Maju 6,
Kuchai Entrepreneur's Park,
58200 Kuala Lumpur, Malaysia
Tel : +603-7971 4357 Fax : +603-7984 2368
Email: fsbmyy@gmail.com

OIL & GAS, INDUSTRIAL SUPPLIER

IMPORTER, DISTRIBUTOR & STOCKIST

For Industrial Equipment, Switchgear Automation & Control System, Lighting & Lighting Protection



..... Continue State Associations News

ELECRAMA 2014

Some SEA members visited the Indian electrical power engineering exhibition ELECRAMA 2014 from 9th to 12th January 2014 at Bangalore, India. They also took part in the "Reverse buyer-seller meet" business meeting to meet suppliers from India. It was a good exposure to new technologies in the power transmission and distribution industry from all over the world.



VIP Guest – SEA Chairman, Mr Francis Chew being interviewed on the exhibition by Indian Media.



At TEEAM's booth – (left) Mr Francis Chew (SEA Chairman) with Mr Peter Lu (SEA Vice Chairman).

Other State Association Members' contacts:



Malacca Electrical Contractors and Traders Association

No. 389-G1, Taman Pringgit Jaya,
Jalan Mata Kuching, 75400 Melaka.
Tel: +606 - 283 8688 Fax: +606 - 781 1466



Negeri Sembilan Electrical Engineering Association

c/o No. 194, Jalan Pantai, 71000 Port Dickson.
Tel: +606-647 1105 Fax: +606-647 4728

Sandakan Electrical Engineering Association, Sabah

Block B-2, Lot No. 25, Bandar Utama,
Batu 6, Jalan Utara, 90000 Sandakan, Sabah.
Tel: +6089 - 214 005 Fax: +6089 - 2163 995
E-mail: suntronic_sdk@yahoo.com



The Perak Electrical Association

No. 12-A, Jalan Datuk Mahmud,
31650 Ipoh, Perak Darul Ridzuan.
Tel: +605 - 254 1502 Fax: +605 - 250 9145
E-mail: multi99@gmail.com / pea_ip@ymail.com



Johor Bahru Electrical & Electronics Association

No.7-01, Jalan Bentara Luar, Taman Iskandar,
80050 Johor Bahru, Johor Darul Takzim.
Tel: +607 - 333 8174 Fax: +607 - 224 1923
E-mail: info@jbeea.com.my
Website: www.jbeea.com.my

Electrical Association of Sarawak & Sabah (EASS)

No. 2 A/F, 2nd Floor, Hardin Road, 9600 Sibu, Sarawak,
Tel: +6084-319 949 Fax: +6084-346 114, 325 112
E-mail: sibuccci@gmail.com



With Best Compliments from:
Mighty Synergy Industries Sdn. Bhd. (309775-H)



www.msi.com.my



*One stop lighting solution
Customized product
Specialize in energy saving
ISO 9001 : 2008 certified*

No.16, Lorong Industri 15, Taman Bukit Panchar, 14300 Nibong Tebal, Penang, Malaysia.
Telephone: +604-5931818 (Hunting Line) Fax: +604-5931919 / +604-5939633
Email: msi@msi.com.my

*** 5 Years Guarantee**

**Protection Against Case Rupture
Even without series reactor
in HIGH HARMONIC distortion conditions**



** Model-RG2 only
(Low Voltage Capacitor)*

Proven "Long Life Expenctancy" > 10 years

Epson Toyocom, Taiyo Uden, Penfibre, Hospital Besar, New Strait Times, Telekom Exchange, NSCC Compound, Mid-valley, Jaya Jusco, Western Digital, P.U.B. Johor River, Mines Mall, Kaneka, Maltrad, Sirim, UiTM, Mimos, Ajinomoto, SamLing Plywood Factory, Wisma UOA, Lot 10, etc.



Wise Pro Sdn Bhd (NO. 381055P)

No. 15, Jalan Industri PBP 10, Taman Industri Pusat Bandar Puchong, 47100 Puchong, Selangor Darul Ehsan.
Tel: 03-5882 9511/7511/6511 Fax: 03-5882 6994

Aichi / VITZRO TECH

Automatic Transfer Switch (ATS) with Smart Transfer Controller



ATS 2 pole, 3 pole, and 4 pole	Open Transition Without "OFF" position	Open Transition With or Without "OFF" position	HIGH SPEED Open Transition With "Sync Check" feature	Close Transition With "Sync check" feature
Aichi	W2/WN	WN	HPTS	WP
VITZRO TECH	W/WN	WN	-	CTTS
Transfer speed	≥ 55ms	Delay adjustable	≤ 20 ms *To CBEMA/ITIC Curve	7-50ms

*For Data Centre Application - Parallel Redundancy.

- Heavy duty construction with Sophisticated controller
- Double-throw mechanism for dedicated source switching
- Solenoid operated for quick transfer
- Inherent mechanical interlock
- Mechanically held contacts
- High Electrical operation
- High Mechanical operation
- High withstand short time current ratings



Wise Pro Sdn Bhd (NO. 381055P)

No. 15, Jalan Industri PBP 10, Taman Industri Pusat Bandar Puchong, 47100 Puchong, Selangor Darul Ehsan.
Tel: 03-5882 9511/7511/6511 Fax: 03-5882 6994

E-mail: wiseprosb@gmail.com, info@wiseprocorsa.com.my

Raytek The Worldwide Leader in Noncontact Temperature Measurement
A Fluke Company



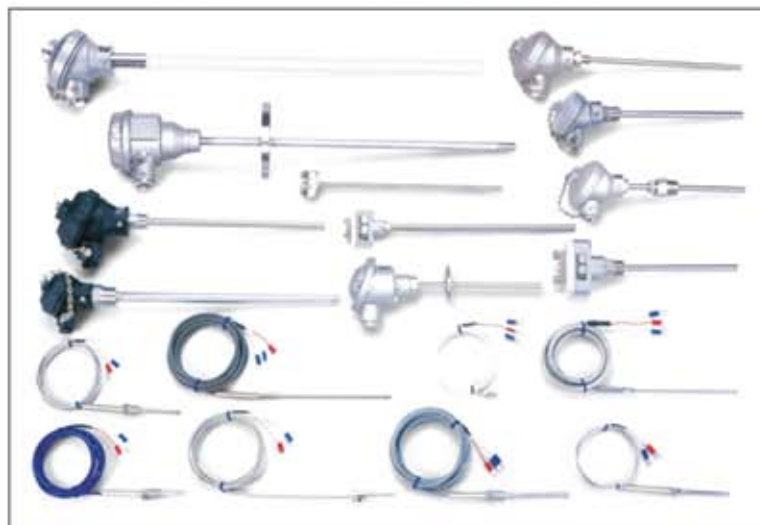
SHIMADEN

Series SRS 11/13/14
SHIMADEN DIGITAL CONTROLLER

NEW! CE approved RoHS compliance



MALTEC-T



Full SIL assessment

Our safe isolation barriers have multifunctional input and output and can easily be implemented as your site standard



Ohkura

Paperless Chart Recorder
VM7000



New Functions

Up to 48 points measurement value in ONE recorder

- Easy Operation by Touch Panel
- Powerful and Cost Effective

MALTEC-H



dpstar Thermo Control Electric Sdn. Bhd. [Co No. 387517-A]

No. 39-G, Jalan OP 1/2, Pusat Perdagangan One Puchong,
Off Jalan Puchong, 47160 Puchong, Selangor Darul Ehsan, Malaysia.

Tel : 603-8071 6722 / 6322 | Fax : 603-8071 5633 / 6822 | E-mail: info@dpstar.com.my | Website: www.dpstar.com.my

Interview by Malaysia SME

On 6th December 2013, TEEAM President, Ir Chew Shee Fuee KMN was interviewed by Ms Sherilyn Pang of the Malaysia SME, the SME Paper. President Ir Chew spoke on the following topics during the interview.

Safety Issue

TEEAM has been stepping up efforts to ensure the industry produces safe electrical and electronics (E & E) appliances while at the same time advocates for the responsible use of energy. TEEAM carries the responsibility of ensuring and maintaining a link to bridge the gap for the local E&E industry to work closely with all government departments. The E&E industry is strictly governed because of safety issues that must be closely assessed at all times. The regulatory body for E&E, Energy Commission (Suruhanjaya Tenaga, ST) stipulates guidelines and regulations pertaining to electricity for the energy sector. Therefore, TEEAM's responsibility is first and foremost, to ensure that members of TEEAM understand and comply with all regulations meted out by the ST.

The safety of the appliances and responsible usage of energy has been always a close issue to the industry. The sudden demise of a Japanese couple due to electrocution by the water heater at their apartment last September, had raised a sense of urgency among the members of the association to intensify their safety protocols on all outgoing electrical products before they reach to the consumer market. In the wake of the incident, TEEAM recommended that the public install an external Residual Current Circuit Breaker (RCCB) with 10-milliampere (mA) current leakage sensitivity for household water heater circuit. Reports have suggested that around 80% of Malaysians are still not aware of the need to have additional safety measure

installed for electrical appliances, especially water heater, in their homes. TEEAM would hold another campaign to reach every household in Malaysia via partnership with the ST and TNB, as well as with the help of social media to inform the public of basic methods to test the function of RCCB on all water heaters. TEEAM wishes to play an active part in helping the industry to make sure there is no recurrence of such tragedy and raise awareness among the public when it comes to their safety when handling electrical items at home and elsewhere.

Tariff Hike

Following TNB's announcement of the electricity hike recently, Malaysians are almost dreading the encumbrance of a looming price hike in their electricity bills. It is time that TEEAM steps in to assist with the country's shared responsibility towards electricity usage. TEEAM's stand is to remain neutral, not against it or supporting it. TEEAM follows the government's decision and choose to look at it from the technical merits. The reason behind the tariff hike as the cost of energy is already subsidised by the government. Even with the 15% hike, it has not reached the real cost of energy required to produce electricity. The utility costs trotted out by TNB are based on the costs of fuels such as piped gas, liquefied natural gas and coals. TEEAM is now looking forward to promoting energy efficiency efforts via the use of energy saving appliances and apparatus, which is in line with the objective as the association.

Energy Saving

Much of the public dilemma surrounds the question of whether or not it is viable to splurge on pricier electrical items such as television, air-conditioners and light bulbs, but the technology of these appliances and apparatus have been refined and improved overtime to provide more energy-saving features, thereby reducing carbon emission that impacts the environment. LED lamps would be the latest product of lighting apart from CFLs bulbs. LED has a longer lifespan that also uses less energy to produce light. The energy efficiency also contributes to environment conservation. The consumer habits encompassing all kinds of electrical usage also contribute to wastage that eventually results in an exorbitant electricity bill at the end of the month. The two major electricity consumptions by commercial and industrial buildings come from lighting and air-conditioning. They require massive amount of electricity generation for dozens



Issue No. 120 – Malaysia SME Paper.

of people confined within a building. However, the higher the temperature of the air-cond is set, for instance to 25 degrees, the less energy is needed for it to run. TEEAM is working extensively to connect with the public to raise awareness towards electricity usage and consumption, while spreading the holistic message of environmental conservation via its ongoing campaigns.

CFL Recycling Programme

As of June 2013, along with the support of the United Nations Development Programme (UNDP), TEEAM has embarked on Energy Saving Compact Fluorescent Lamp (CFL) Recycling project under the GEF/SGP (Global Environment Facility / Small Grants Programme) to educate the public on proper disposal of used CFLs. Most people are uninformed and treat the CFLs as common waste. This can aggravate environmental conditions by polluting the soil, water and environment. The recycling campaign is started on the collection of CFLs which will enable the public to dispose of used CFL bulbs properly at designated locations. Through this campaign, the public is encouraged to send used CFLs to designated shopping malls and trader outlets where collection bins have been placed.

Conclusion

It is hoped that TEEAM will be more recognised and the association can be promoted through the SME publication. TEEAM wishes to record its appreciation and thanks to Malaysia SME for conducting the interview.



During interview – TEEAM President, Ir Chew Shee Fuee KMN responded to the questions. Malaysia SME interview team was led by its writer, Ms Sherilyn Pang. She was assisted by a photographer, Mr Alex Chia.



PENTA ENGINEERING SERVICES SDN BHD



SOLE DISTRIBUTOR IN MALAYSIA



POLYAMIDE CABLE GLANDS



SS CABLE GLANDS



**CABLE GLANDS
ACCESSORIES**



EX CABLE GLANDS



**CABLE GLANDS
ACCESSORIES**

CASTELLO ENERGY CENTRE – LEVEL 1
NO. 18, JALAN INDUSTRI PBP 9, TAMAN INDUSTRI PUSAT BANDAR PUCHONG, 47100 PUCHONG, SELANGOR
DARUL EHSAN, MALAYSIA.

T: +603-8060 6881 F: +603-8060 6887

Table Tennis Tournament

TEEAM successfully organised the second table tennis tournament on Sunday, 23rd March 2014 at Sports Forum 19, Petaling Jaya. Some 25 players competed in the singles' championship. They were staff members of EITA Resources Berhad, Indkom Engineering Sdn Bhd, Industrial Automation Sdn Bhd, Omron Electronics Sdn Bhd and Yuan Ming Electric Sdn Bhd. Individual Member, Mr Lim Beng Hooi also took part.

Table Tennis Tournament Results

Men's Singles Event

Champion

Tee Yee Ming

Industrial Automation (M) Sdn Bhd

Trophy & AEON Cash Voucher RM200

1st Runner-up

Peh Boon He

Yuan Ming Electric Sdn Bhd

Trophy & AEON Cash Voucher RM120

2nd Runner-up

Lim Yau Wah

Yuan Ming Electric Sdn Bhd

Trophy & AEON Cash Voucher RM80

3rd Runner-up

J S Wong

EITA Resources Berhad

AEON Cash Voucher RM50

Sponsors

Mr Fong Mun Loon

Mr Liang Kok Boon

Mr Seow Nam Seng

Mr Stan Lim

Sponsorship of T-shirts

Omron Electronics Sdn Bhd

Cash Sponsor RM 180



Nervous moment for final – (left) Mr Tee Yee Ming (Industrial Automation (M) Sdn Bhd) versus Mr Peh Boon He (Yuan Ming Electric Sdn Bhd). Referee is (centre) Mr Fong Mun Loon (TEEAM Sports Committee Member).



Bravo – The jubilant winners and participants with TEEAM officials.



For the album – A group photo taken before the game.



Champion – (left) Mr Tee Yee Ming (Industrial Automation (M) Sdn Bhd) received a trophy & AEON cash voucher from Ir Chew Shee Fuee KMN (TEEAM President).



1st Runner-Up – (left) Mr Peh Boon He (Yuan Ming Electric Sdn Bhd) received a trophy & AEON cash voucher from Ir Chew Shee Fuee KMN (TEEAM President).



2nd Runner-Up – (left) Mr Lim Yau Wah (Yuan Ming Electric Sdn Bhd) received a trophy & AEON cash voucher from Ir Chew Shee Fuee KMN (TEEAM President).



3rd Runner-Up – (left) Mr J. S. Wong (EITA Resources Berhad) received AEON cash vouchers from Ir Chew Shee Fuee KMN (TEEAM President).



Nervous moment for 3rd & 4th placing – (left) Mr J. S. Wong (EITA Resources Berhad) versus Mr Lim Yau Wah (Yuan Ming Electric Sdn Bhd). Looking on is (centre) Mr Lim Beng Hooi (TEEAM Education Committee Member & Referee).



Support from Indkom Engineering Sdn Bhd – Enthusiastic players.

COOLZEN PANEL AIR CONDITIONER



Features

- Function of abnormality output
- Digital temperature control indicator
- Function of evaporation of condense water
- Use of environmentally friendly refrigerant

Typical Use

- Electronic panel which produces intense heat
- Electronic panel of Machine tools

Advantages

- Prevents high temperature & protects electrical part inside control box

Specifications	Type	Cooling Capacity (BTU, Kw)	Current	Weight (Kg)	Dimensions (W*H*D)	Installation	Drain Method
WPA-300	S	1080, 0.32Kw	1.8A	20	280*494*180	side mounting	Hose
WPA-500	S	2000, 0.59Kw	3.0A	24	320*600*205	side mounting	Hose
	SE	2000, 0.59Kw	5.7A	27	320*708*205	side mounting	PTC heater
WPA-800	S	3200, 0.93Kw	4.8A	35	380*770*205	side mounting	Hose
	SE	3200, 0.93Kw	7.5A	38.5	380*876*205	side mounting	PTC heater
WPA-1000	S	4000, 1.17Kw	4.8A	36	380*800*205	side mounting	Hose
	SE	4000, 1.17Kw	7.5A	39.5	380*906*205	side mounting	PTC heater
WPA-1500	S	6000, 1.75Kw	6.0A	48	420*1050*250	side mounting	Hose
	SE	6000, 1.75Kw	11.4A	52	420*1156*250	side mounting	PTC heater
WPA-2000	S	8000, 2.34Kw	6.0A	48	420*1050*250	side mounting	Hose
	SE	8000, 2.34Kw	11.4A	52	420*1450*265	side mounting	PTC heater
WPA-3000	S	12000, 3.52Kw	10.8A	65	500*1450*265	side mounting	Hose
	SE	12000, 3.52Kw	16.2A	69.5	500*1556*265	side mounting	PTC heater
HPA-500	S	2000, 0.59Kw	2.5A	24	350*443*180	side mounting	Hose
	SE	2000, 0.59Kw	5.2A	27	350*549*180	side mounting	PTC heater
	R	1920, 0.56Kw	2.5A	25	320*244*460	top mounting	Hose
HPA-1000	S	4000, 1.17Kw	4.1A	36	435*610*235	side mounting	Hose
	SE	4000, 1.17Kw	6.8A	39.5	435*716*235	side mounting	PTC heater
	R	4000, 1.17Kw	4.1A	37	438*267*508	top mounting	Hose



ARI ELECTRIC SDN. BHD.

(Co. No. 461513-W)

No. 37-2, Jalan OP 1/2, Pusat Perdagangan One Puchong,
Off Jalan Puchong, 47160 Puchong, Selangor Darul Ehsan, Malaysia.

Tel: +603-8071 6733 Fax: +603-8701 6933

Website: www.arielectric.com.my

Email: andrew@arielec.com.my



Certificate No: SG06/00891 MY06/0195

Distributor / Stockist for:

MATAMATA azbil
Factory Automation

Honeywell
Boiler & Burner Controls

FineTek
Level Sensors & Level Switches

SONDAR
Ultrasonic Level Sensor

TOWA
Level Controls, Dial Gauge /
Sounding Level Meter

TSURUGA
Panel Meter, Measuring
Instrument & Tester

TOFCO
Flow Meter, Checker,
Digital Meter

WELTEM
Coding Panel Unit

Pha
Soft Starter, Voltage Regulator,
Motor Controls

IBM
Radar Level Control

SanRex
Rectifier & Thyristor

SIEMENS
Inverter & PLC

aRi-T
Thermocouple & RTD Sensor

aRi-H
Industrial Heater

Koyo
PLC & Encoder

Ninamys
Thermocouple Wire

OMRON
Control Components, Sensor,
PLC

Top Cable
Control, Power & Instrumentation
Cable

rotronic
Temperature & Humidity
Instruments

SUNX
Sensors

MITSUBISHI ELECTRIC
Inverter & PLC

Raytek
Thermal Imaging System

KURABE
Heater Wire

PROJECTS
Control & System Projects

Academic Excellence Awards

We are proud of you! Winners of the prestigious TEEAM Academic excellence awards were rewarded for their outstanding performances in the 2013 public examinations. A ceremony was held on 26th October 2013 at TEEAM.

The number of awards given was seven for UPSR category, thirteen for PMR category, three for SPM category and one for A-Level. Besides academic excellence awards, eighteen book prizes were awarded to the best electrical and electronics engineering undergraduates from University of Malaya (UM), University of Science Malaysia (USM), University of Technology Malaysia (UTM), University of Tunku Abdul Rahman (UTAR), National University of Malaysia (UKM), University of Putra Malaysia (UPM) and University of Malaysia Sabah (UMS).

It was a proud and joyous occasion for all the recipients and their parents. The list of recipients appears on page 71.



Book Prizes recipients – Best Electrical & Electronics Engineering undergraduates.



SPM Recipient – (centre) Ir Chew Shee Fuee KMN (TEEAM President) presenting an award to Lim Cheng Shaun. Looking on is (left) Ir Chang Yew Cheong (TEEAM Academic Excellence Awards Chairman).



For the album – (right) Ali Imran Mohd Zani (PMR recipient) receiving an award from Ir Chew Shee Fuee KMN (TEEAM President). With them is (left) Ir Chang Yew Cheong (TEEAM Academic Excellence Awards Chairman).



Bravo! – Academic awards and book prizes recipients posing with TEEAM officials.

Advanced intelligent power distribution system



Air circuit breaker

Moulded case circuit breaker

Low voltage and medium voltage switchgear



Eaton is a leading diversified power management company that offers a wide array of electrical products and services that allows you to take a strategic and holistic approach to power management.

We provide comprehensive low voltage and medium voltage power circuit breaker and switchgear solutions to meet the demands of power distribution systems worldwide.

Able to ensure personal safety, and protection of people and property, Eaton continues to invest in our product offering to provide a broad choice of solutions from a single global manufacturer.



Powering Business Worldwide

Learn more at
www.eaton.com/seasia-electrical

..... Continue Academic Excellence Awards



Smiles – (right) Irfan Sabri Mohd Sabri (PMR recipient) receiving an award from (centre) Ir Chew Shee Fuee KMN (TEEAM President). On the left is Ir Chang Yew Cheong (TEEAM Academic Excellence Awards Chairman).



UPSR Recipient – (right) Aqilah Hani Mohd Rodzi receiving an award from Ir Chew Shee Fuee KMN (TEEAM President). With them is (left) Ir Chang Yew Cheong (TEEAM Academic Excellence Awards Chairman).



PMR Recipient – (right) Siaw Fang Ni receiving an award from Ir Chew Shee Fuee KMN (TEEAM President). On the left is Ir Chang Yew Cheong (TEEAM Academic Excellence Awards Chairman).



Happy family – PMR recipients, twins Ngun Ming Xuan (2nd from left) and Ngun Ming Yi (2nd from right) with their proud parents, Mr & Mrs James Ngun and their younger brother.



Happy moment – (2nd from left) Ng Wan Ping posing with her mother and siblings.



Well done! – (3rd from left) Lim Ker Ni (PMR recipient) and her elder brother, (2nd from right) Lim Cheng Shaun (SPM recipient) posing with their parents and sister.



Good work girl! – PMR recipient, Sophie Soh Chiaw Ling posing with her happy parents, Mr & Mrs Soh Boon Khim.



I did it! – UPSR recipient, Lim Jun Rong with his proud father.

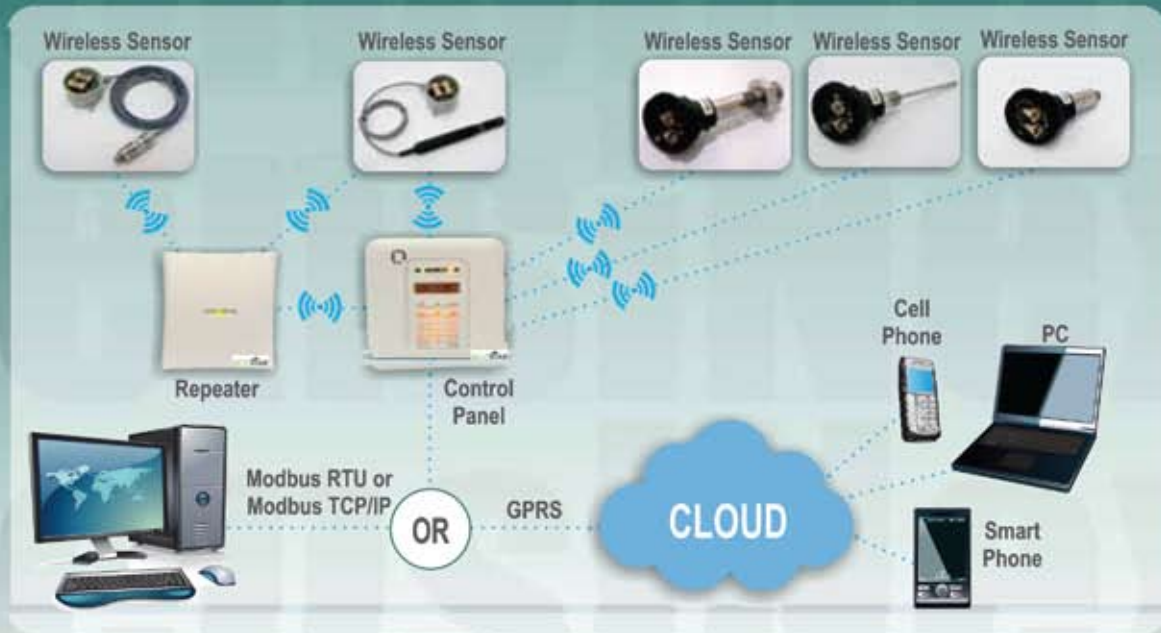


SENSORS & WIRELESS

We are committed to our customer needs and offer tailor made sensors with highest quality to meet our customer requirements.

Our products meet and service requirements in wide range of industries like: Agriculture, Power Plants, Chemicals, Food, Seawater desalination, Water treatment, water & sewage systems, etc. Our Products suitable for all types of media – liquids (clean and dirty), bulk solids, foams etc.

Our systems are already installed in the following applications: Cathodic Protection, Vibration Measurement, Low Pressure measurement in Clean Rooms, Temperature & Humidity measurement in Warehouses, Pressure monitoring of pump in field, Leaking Detection in Fuel tanks, etc.



Recipients of Academic Excellence Awards & Book Prizes 2013

UPSR (RM 100.00)

Naqib Hareez Bin Nairulazham

(Chi-Tak Electrical (JB) Sdn Bhd)

Result : 5 As in BM Pemahaman,
BM Penulisan, E, M & S

Age : 13 Years

Ambition : Doctor

Interest/Hobby : Sports & Surfing Internet



Lim Jun Rong

(Yuan Ming Electric Sdn Bhd)

Result : 7 As in BM Pemahaman,
BM Penulisan, E, BC Pemahaman,
BC Penulisan, M & S

Age : 13 Years

Ambition : Pilot

Interest/Hobby : Playing Badminton



Note: BM – Bahasa Malaysia

BC – Bahasa Cina

E, M, S –English, Mathematics & Science

Aqilah Hani Binti Mohd Rodzi

(EWT Transformer Sdn Bhd)

Result : 5 As in BM Pemahaman,
BM Penulisan, E, M & S

Age : 13 Years

Ambition : Doctor

Interest/Hobby : Cooking



PMR (RM 200.00)

Sophie Soh Chiaw Ling

(Davis Malaysia Sdn Bhd)

Result : 7 As & Excellent in 4 Projects

Age : 16 Years

Ambition : Lawyer

Interest/Hobby : Playing Piano, Artwork



Soo En Tong

(Industrial Automation (M) Sdn Bhd)

Result : 7 As in BM Pemahaman,
BM Penulisan, E, BC Pemahaman,
BC Penulisan, M & S

Age : 13 Years

Ambition : Pilot

Interest/Hobby : Travelling / Trekking / Reading



Ali Imran Bin Mohd Zaini

(EWT Transformer Sdn Bhd)

Result : 8 As & Excellent in 5 Projects

Age : 16 Years

Ambition : Doctor

Interest/Hobby : Playing computer games



Chang Hui Hui

(Tai Sin Electric Cables (Malaysia) Sdn Bhd)

Result : 7 As in BM Pemahaman,
BM Penulisan, E, BC Pemahaman,
BC Penulisan, M & S

Age : 13 Years

Ambition : Artist

Interest/Hobby : Drawing



Irfan Sabri Bin Mohd Sabri

(EWT Transformer Sdn Bhd)

Result : 8 As & Excellent in 5 Projects

Age : 16 Years

Ambition : Nuclear Physicist

Interest/Hobby : Reading



Woo Yew Seng

(Kejuruteraan Letrik Megawatt Sdn Bhd)

Result : 7 As & Excellent in 4 Projects

Age : 16 Years

Ambition : Engineer

Interest/Hobby : Playing Computer Games



Nurul Suhada Binti Ramli

(Terasaki Electric (M) Sdn Bhd)

Result : 5 As in BM Pemahaman,
BM Penulisan, E, M & S

Age : 13 Years

Ambition : Lawyer

Interest/Hobby : Writing



Soh Pui Lin

(Perniagaan Letrik ANS Sdn Bhd)

Result : 7 As & Excellent in 4 Projects

Age : 16 Years

Ambition : To be a Well-Known Dancer

Interest/Hobby : Dancing



Wan Nur Najwa Binti Wan Nor Rizal

(Terasaki Electric (M) Sdn Bhd)

Result : 5 As in BM Pemahaman,
BM Penulisan, E, M & S

Age : 13 Years

Ambition : Engineer

Interest/Hobby : Reading & Surfing Internet



Lim Ker Ni

(Schneider Electric Industries (M) Sdn Bhd)

Result : 7 As & Excellence in 4 Projects

Age : 16 Years

Ambition : Psychologist

Interest/Hobby : Singing





MEGA MAYANG M&E SDN. BHD.

(Co. No: I60210-W)

We provide a one stop Mechanical & Electrical Solution in:-

- Electrical HT Services
- Electrical LV Services
- Extra Low Voltage Services
- Special Lighting Control
- Telephone and Networking Services
- Air Conditioning & Ventilation Services
- Fire Fighting & Protection Services
- Plumbing & Sanitary Services
- Cold and Hot Water Piping Services
- General Mechanical Services



Registration With Authorities:-

- * Suruhanjaya Tenaga- Class 'A'
- * CIDB G7 Categories 'B10', 'E04', 'E05', 'E06', 'E07', 'M02', 'M15'
- * PKK Kelas I Kepala VII
- * Kementerian Kewangan Malaysia
- * Tenaga Nasional Berhad
- * Licence Plumber For SYABAS & DBKL
- * ISO 9001 : 2008



Address: No. 47, Jalan Rebena 3, Off Jalan Seruling 59, Taman Klang Jaya, 41200 Klang, Selangor Darul Ehsan.
Tel: +603-33238822 / 8866 / 8877, Fax: +603-33238832, Email: mme@megamayangs.com

..... Continue Recipients of Academic Excellence Awards & Book Prizes 2013

Ngun Ming Xuan

(Speed Drives & Automation Sdn Bhd)
Result : 7 As & Excellence in 4 Projects
Age : 16 Years
Ambition : Teacher
Interest/Hobby : Reading



Ong Chow Jin

(Individual Member – Ong Ah Cheong)
Result : 6 A+, 2A, 2A-
Age : 18 Years
Ambition : Engineer
Interest/Hobby : Travelling



Ngun Ming Yi

(Speed Drives & Automation Sdn Bhd)
Result : 8 As & Excellence in 4 Projects
Age : 16 Years
Ambition : Teacher
Interest/Hobby : Reading



Lim Cheng Shaun

(Schneider Electric Industries (M) Sdn Bhd)
Result : 5A+, 3A, 1A-
Age : 18 Years
Ambition : Engineer
Interest/Hobby: Basketball, Playing Computer Games



Chin Zhen Yu

(Striker Electric Sdn Bhd)
Result : 8 As & Excellence in 4 Projects
Age : 16 Years
Ambition : Engineer
Interest/Hobby : Reading



A-Level (RM 800.00)

Loh Coeinne

(Chuan Seng Hin Sdn Bhd)
Result : 4 A* (a*)
Age : 20 Years
Ambition : Medicine Research
Interest/Hobby : Music & Artwork



Ho Li Jia

(Tech-Lab Manufacturing Sdn Bhd)
Result : 8 As & Excellence in 4 Projects
Age : 16 Years
Ambition : Engineer
Interest/Hobby : Playing Badminton



Book Prizes 2013 (RM 200.00)

National University of Malaysia

Electrical and Electronics Engineering
Seow Eng Peng – 2nd Year (2012-2013)
Sai Chong Yeh – 3rd Year (2012-2013)

University of Malaya

Electrical Engineering
Teh Whey Chai – 2nd Year (2012-2013)
Tan Ming Yan – 3rd Year (2012-2013)

University of Malaysia Sabah

Electrical and Electronics Engineering
Alex Chong Chee Hoe – 2nd Year (2012-2013)
Jong Chia Sing – 3rd Year (2012-2013)

University of Putra Malaysia

Electrical and Electronic Engineering
Chan Chi Yen – 2nd Year (2012-2013)
Lim Sheng Yu – 3rd Year (2012-2013)

University of Science Malaysia

Electrical Engineering
Oung Yet Ying – 2nd Year (2012-2013)
Chieng Kai Seng – 3rd Year (2012-2013)
Electronics Engineering
Lee Zhi Xian – 2nd Year (2012-2013)
Heng Cheng Tat – 3rd Year (2012-2013)

University of Technology Malaysia

Electrical Engineering
Ho Fong Yin – 2nd Year (2012-2013)
Chan Jun Yee – 3rd Year (2012-2013)
Electronics Engineering
Chik Sheng Fei – 2nd Year (2012-2013)
Vincent Wong Kah Bin – 3rd Year (2012-2013)

University of Tunku Abdul Rahman

Electrical & Electronics Engineering
Tan Chung Seong – 2nd Year (2012-2013)
Koay Jun Ming – 3rd Year (2012-2013)

Teoh Xiao Qian

(Individual Member – Mr Teoh Ee Boon)
Result : 8 As & Excellence in 4 Projects
Age : 16 Years
Ambition : Accountant
Interest/Hobby : Reading, Drawing, Shopping



Siaw Fang Ni

(Vitarco Electrical Supplies Sdn Bhd)
Result : 8 As & Excellence in 4 Projects
Age : 16 Years
Ambition : Business Woman
Interest/Hobby : Listen to Music & Travelling



SPM (RM 400.00)

Lau Jia Yi

(Telelink Electrical Engineering)
Result : 7A+, 3A
Age : 18 Years
Ambition : Accountant
Interest/Hobby : Reading, Swimming & Jogging





SAFE AND SAVE

Established in 1998, **MAXGUARD** is now a major player in the **Low Voltage Switchgears Industry** in Malaysia, specializing in distribution boards with a comprehensive range of circuit breakers.

Our main objective is to meet the standards of the highly competitive market. Under our **SAFE** and **SAVE** motto, **MAXGUARD** is the first in the Country to invest in a range of comprehensive testing equipment for greater quality control to ensure the highest quality of products and to meet customers' budget.

MAXGUARD product are fully type tested to IEC Standards, by ETL Semko of Sweden, approved by Suruhanjaya Tenaga, Government Departments and annual Product Certification Audit by SIRIM QAS International Sdn. Bhd, Malaysia.

Being one of the fastest growing companies and with the support of a wide network of distributors and system integrators, we have successfully completed various residential, commercial and light industrial projects for both government and private sector.

We also have the distinction of being the first Malaysian brand to offer a 36 months product warranty for our MCB, RCCB, Isolator, Switchfuse, RCBO, MCCB and also product liabilities coverage up to RM1 million.

Under our **SAFE AND SAVE** motto, we have sold more than 20 million poles of MCB and 2 million pieces of RCCB. A testimonial to our product acceptance and trustworthiness in the local market.

To safeguard our customers' interest and confidence, **MAXGUARD** products are incorporated with a permanent laser security marking for authentication.

"It it's not good, we don't sell it, if's not perfect, we will replace it and if it's not with a guarantee, it's not MAXGUARD"

Please feel free to view our Corporate Video and Product Technical Video at our website.
www.maxguard.com.my



Safe with Warranty



Safe with Qualification



Safe with Fully Tested



Save Time



Save Cost



Save in Energy



MAXGUARD SWITCHGEAR SDN BHD

No. 8, Jalan Anggerik Mokara 31/47

Kota Kemuning,

40460 Shah Alam, Selangor Darul Ehsan

Tel: 03-5121 2288 Fax: 03-5121 2868

Email: sales@maxguard.com.my

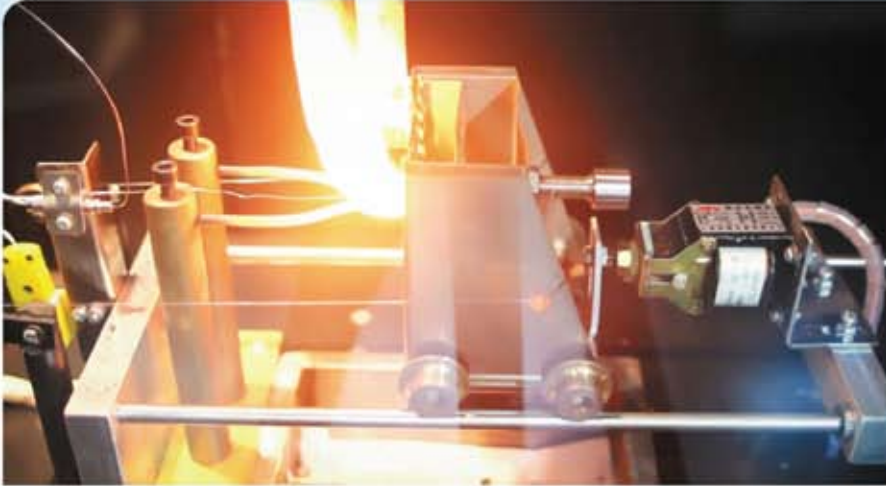
www.maxguard.com.my

Maxguard[®]

What are the advantage
of using **Maxguard**?

SAFE AND SAVE

QUALITY CONTROL & TESTING FACILITIES



PRODUCT LIABILITY
★ Terms & Conditions Apply ★
RM1,000,000.00



TemBreak
Circuit Breaker
with Residual
Current Protection
(CBR)



TemBreak
PVS400-NDL
DC Moulded Case
Circuit Breaker
Rated current 2000A
Rated breaking capacity
DC600V 40kA



TemBreak
The Ultimate
Safety Breaker

The Ultimate
Safety Breaker



TemPower



ELCB

RCBO

MCB

Earth Leaker Relay
(TZS-AD)

TERASAKI ELECTRIC (M) SDN BHD

TERASAKI is the world's power specialist since 1923, we offer a comprehensive range of LV Switchgear & services for the Residential, office Building, Manufacturing Plant, Energy & Infrastructure. The brand name of our products is TERASAKI and which are already well established in Marine Systems, Industrial System and Circuit Breaker Industry.

TERASAKI ELECTRIC (M) SDN BHD (156366-X)

Lot 3, Jalan 16/13D, 40000 Shah Alam, Selangor Darul Ehsan, Malaysia.

Tel: +603-5549 3820 (6 Hunting Lines) Fax: +603-5512 9299

E-mail: sales@terasaki.com.my / ykkoh@terasaki.com.my



OneBuild & OneWare Exhibition

The 2nd edition of Malaysia International Building, Architecture & Construction Technology Malaysia (OneBuild) & Malaysia International Hardware Show (OneWare) was held from 9th to 12th October 2013 at Putra World Trade Centre (PWTC), Kuala Lumpur.

OneBuild & OneWare 2013 enabled local and international players to showcase a broad diversity of quality building and construction equipment, tools, products, services, hardware and mining quarry equipment. The exhibition was endorsed by Construction Industry Development Board Malaysia (CIDB), Public Works Department (JKR), and Malaysia External Trade Development Corporation (MATRADE). It was supported by numerous local and overseas trade associations including TEEAM.

OneBuild & OneWare 2013 made the debut by gathering over 200 exhibitors from 9 countries with 388 booths under one roof, featuring the largest Industrialised Building System (IBS) showcase and the most



Opening ceremony – Official launch by (centre) YB Tan Sri Datuk Seri Panglima Joseph Kurup, Minister in the Prime Minister's Department.

comprehensive display of construction machineries and equipment, structural and hardware products.

The 4-day event included a wide array of activities ranging from industry

workshop, seminar, economic forum, live demonstrations and product launching. It was a great platform that offered invaluable experience for visitors to meet a wide range of manufacturers and services providers under one roof.



Heartiest Congratulations

to our Electrical Safety & Quality Chairman and Council Member

Mr Dahari Mat Siran

for receiving the
2013 Standards Award
from

Standards Malaysia
for his involvement in
Malaysian Standardisation Activities



on

5th December 2013

from

The Electrical and Electronics Association of Malaysia



**BROYCE
CONTROL**

PROTECTION DEVICES



TMS
TOTAL METERING SOLUTION



minilec[®]
ANNUNCIATOR

SIEMENS
LOW VOLTAGE CONTROLGEARS



sälzer
SWITCHES



Total Metering Solution Sdn. Bhd. (CoNo. 476265-H)

No.22, Jalan Anggerik Vanilla 31/93, Kota Kemuning, 40460 Shah Alam, Selangor, Malaysia.
Tel: +603-5122 0029 Fax: +603-5122 0079 Email: info@tms.com.my / sales@tms.com.my

Website: www.tms.com.my

POWER QUALITY



Nexus® 1500

Transient Recorder and Power Meter
With Advanced Power Quality and
Communication



Energy Management and Analysis Software for EIG Meters



SHARK200

Upgradable Fully Featured Power & Energy Meter



Raptor

Primary Injection Test System



MENTOR

Three Phase
Relay Equipment System



PTE 100 V

PTE 100 C

PTE 50 CE

Single Phase Current
& Voltage Relay Testing

RELAY TEST EQUIPMENT



Total Metering Solution Sdn. Bhd. (Co No: 476265-40)

No.22, Jalan Anggerik Vanilla 31/93, Kota Kemuning, 40460 Shah Alam, Selangor, Malaysia.
Tel: +603-5122 0029 Fax: +603-5122 0079 Email: info@tms.com.my / sales@tms.com.my

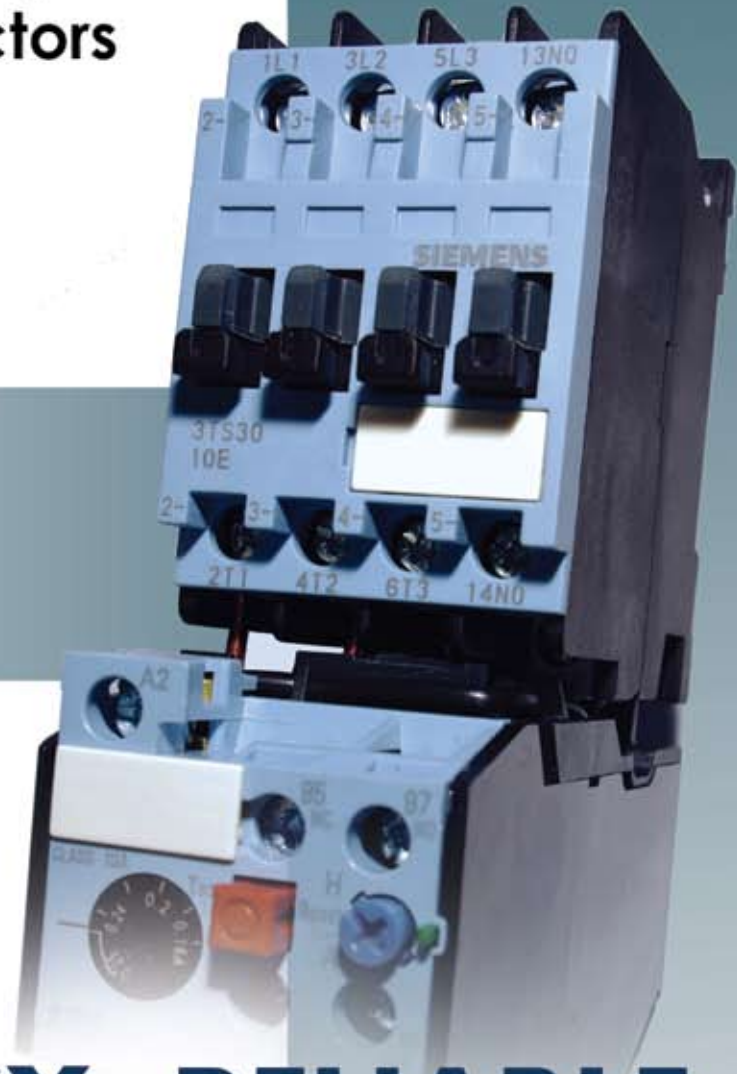
SIEMENS

Motor Control & Protection

3TS & 3TF contactor

3US & 3UA overload relay

3VS motor starter protectors



SMART EASY RELIABLE

Approved
Partner

Control Component &
System Engineering
Malaysia

SIEMENS



Industrial Automation (M) sdn bhd (29039-D)

KL- 03-9221 0511 \ Klang -03-3342 2022 \ JB - 07-3866514 \ Batu Pahat - 07-4331 688/7988 \ Kuantan - 09-5661 321
Melaka - 06-3178 371 \ Sg. Petani - 04-4480 222 \ Ipoh - 05-2534 052 \ B'worth - 04-3319 901 \ Kuching - 016-6684 997



www.lasb.com.my