

C&S²



e=CS²

Newsletter
Volume-X
2014

Medium Voltage Switchgear Products

Switchgear for Primary Distribution



12kV & 24kV Air Insulated Switchgear with Draw-Out Vacuum Circuit Breaker



12kV & 24kV Vacuum Circuit Breaker



36kV Air Insulated Switchgear with Draw-Out Vacuum Circuit Breaker



36kV Vacuum Circuit Breaker

C&S Electric expands its footprint: Acquires 50% shareholding of EFACEC in Medium Voltage Joint Venture

C&S Electric adds yet another feather in its cap with the acquisition of 50% stake of EFACEC in its Medium Voltage Business. The business has now been merged into the main C&S Electric Limited entity.

In 2008 the company entered into MV switchgear business with EFACEC of Portugal with an aim to supply state-of-the-art medium voltage equipment. Since then the company has grown to become a market leader in the medium voltage products category. It offers a complete range of switchgear products including Vacuum Circuit Breakers, Ring Main Units and Air Insulated Switchgear. MV switchgear products are in good demand in the growing Indian medium voltage switchgear market, both for primary and secondary distribution segments.

Primary distribution switchgears are used in power plants and other heavy industries whereas secondary distribution switchgear provides for network of power utilities and real estate projects. C&S Electric is one of the leading suppliers of 11kV & 22kV Ring Main Units to various power utilities in India and are contributing substantially to strengthen the power distribution network in various states in India.

C&S Electric is one of the leading manufacturers of Switchgear products. It is also the largest exporter of switchgear products with a staggering network in 85+ countries. C&S Electric has a strong foothold in the LV switchgear business and has already established its supremacy in the Power Busbar Business.

Switchgear for Secondary Distribution



SF6 Insulated Indoor Ring Main Unit



SF6 Insulated Outdoor Ring Main Unit

We touch your electricity everyday!

Landmark Orders

A continental win: C&S Electric Limited bags one of the largest orders for MCBs in Africa

C&S Electric Limited has won an order of 250,000 single pole MCBs for the African market. The order has been received from Ethiopian Power Corporation for their ongoing requirement. It is one of the largest orders for MCBs bagged by any Indian manufacturer for the African continent. Most importantly, this achievement can serve as a significant reference point for C&S Electric in future, to target power distribution companies across the globe.

Yet another crowning achievement for C&S: Bags Tunnel Project, Delhi

C&S Electric's bustrunking division has bagged supply order for the prestigious Tunnel Project at Sarita Vihar, Delhi. It will supply 5000 mtr length of lighting trunking in 25A & 63A rating for this prestigious project. The Sarita Vihar Underpass shall connect Okhla & Kalindi Kunj areas. Once constructed, the Sarita Vihar underpass will reduce commuting time between Okhla and Kalindi Kunj from the current 30-40 minutes to just 5 minutes. In addition to this, the bustrunking division has also won supply order for Lucknow High Court where it will supply 5000 mtrs of bustrunking in various ratings. In south, the company bagged order from Ford Cars for its upcoming plant in Chennai where it will supply 2500 mtrs of bustrunking in various ratings.

C&S Electric Busduct Division wins supply order for major upcoming power plants in India & across the world

C&S Electric Power Busbar Division, a leader in MV busducts supply, has won an order from L&T for RRUVNL 2x660MW Chhabra Super Critical TPS, Stage II Unit 5 & 6. In addition it also bagged order from Alstom India Limited for supply of Isolated phase busducts & associated equipment for (4x205MW+1x303MW) GVK Ratle Hydro Electric Project Pvt Ltd in Jammu & Kashmir and 4x250MW PSP, in THDC, Tehri Uttarakhand.

It also bagged Export order from ABB Kuwait for Wafra Oil field-Kuwait, where it will supply Non Segregated phase busducts. It also won 21kV, 12000A/8000A Isolated phase busduct and 6.3kV, 2500A segregated phase busducts order from Hyundai Engineering & Construction Company Limited, Korea for 900MW CCPP Talimjaran Thermal Power Plant Expansion Project in Uzbekistan.

Its other major orders includes supply order of 17.5kV, 3150A/500A and 7.2kV, 1250A segregated phase busduct to Balingasag 3X55MW Thermal Power Project, in Philippine and supply contract for 18kV, 6800A Isolated phase busduct with associated equipment for Recka Gas Fired Power Plant in Peru.



Many more feathers on the MV Switchgear Division cap

The MV Switchgear division won order worth 153 million for supply of MV Switchgear comprising of 11kV RMU, 22kV RMU, 22kV Indoor Switchgear & 33kV Switchgear from M/s Rajdeep Buildcon Pvt. Ltd. for MSEDCL Infra II Phase C Project. The equipment, to be installed in Navi Mumbai and Pune, will be supplied over a period of 15 months.

Orders for RMUs from BSES Rajdhani & Yamuna Power Ltd.

The Delhi DISCOMs continue to repose their faith in C&S MV Division for supply of Ring Main Units for the 11kV Power Distribution network. BRPL & BYPL continue to buy approximately 30-40 RMUs per month to meet the growing need of power in the city.

Geared up for greater heights: C&S completes new installations

C&S MV Division completed the supply, installation and commissioning of 24 motorised and SCADA compatible RMUs under the pilot project of installation of SCADA enabled equipment in Surat. The project was for Dakshin Gujarat Vij Company Ltd and involved conducting site survey, doing civil work for foundation of RMUs, design, manufacture, shop testing, pre-dispatch inspection, supply, installation testing and commissioning of the RMUs. These are the first set of SCADA compatible RMUs installation in the state of Gujarat.



Shining moment of glory in Chandigarh

C&S Electric Limited has won the prestigious order for the installation of 12 Rooftop Solar PV Power Plants in Chandigarh. CREST has awarded this order to the solar division of C&S Electric Limited, which successfully completed one year of its O&M for 320KWp Solar PV Rooftops at Chandigarh, awarded last year. The contract was a huge success as it exceeded the committed energy target and thereby became the only EPC player to achieve this distinction in the Chandigarh region. C&S has associated with CREST in the past also, by installing Rooftop Solar PV Power Plants on major buildings of Chandigarh. The new contract entails installing Rooftop Solar PV Power Plants in model schools in Chandigarh city. These Rooftop PV Power Plants incorporate high efficiency mono-crystalline PV Modules and multi-MMPT high efficiency string inverters.

Besides, the 410 KWp Rooftop Solar PV power plant at Chandigarh is giving excellent results and is also feeding Solar PV clean power at 11 KV. This was successfully commissioned by C&S Solar a few months back within the committed timeline.

Some other highlights for solar division are as below:

- C&S Solar has successfully completed the installation of one of India's largest Solar PV Car Ports in Manesar region deploying 300 Wp rating Solar PV Modules of efficiency exceeding 15%. The Solar PV Car Port is designed for 74 luxury cars while the Solar PV Array over the roof is of 200 KWp capacity.
- Warehouse Rooftop with Solar PV Power Capacity of 561.6 KWp is also under installation at Manesar.
- C&S Solar Bhiwani Utility Scale Solar PV Power Plant has completed three years of successful operation with its PR exceeding 81% which qualifies as a world-class performance.

Major orders continued.....on page 9

facility update

New Warehouse: Better business prospects

C&S Electric has opened a brand-new warehouse in Mumbai on 9th July, 2014. This is the sixth warehouse owned by C&S. The other ones are in Noida, Ahmedabad, Bangalore, Bhubaneswar and Indore respectively. The inauguration event was followed with a small pooja ceremony. With the opening of this warehouse, a new business surge is expected as it offers improved delivery logistics and better customer satisfaction, not to mention increased customer footfalls.



C&S strengthens its grip in Ranchi

C&S Electric has launched its new branch office in Ranchi on 21st May, 2014. The new branch is a significant move for C&S, as it will play a major role in tapping business potential in Bihar, Jharkhand & other eastern parts of country.



New Branch office at Nagpur

C&S Electric has opened its new branch office in the Orange City, Nagpur. This is the 3rd branch in the state of Maharashtra after Mumbai & Pune. The new branch shall help in targeting Vidarbha and surrounding areas.



Now enjoy enhanced services from Noida

C&S Electric has shifted its Protection & Measurement Devices Plant based in Okhla to Noida. The new location at C-60, Phase-II, Noida, offers a larger space and other functional facilities ensuring smooth operations.



Widening horizons: New Assembly Line at LWA

The Lighting & Wiring Accessories business has added new assembly lines at its Haridwar Plant. The new assembly lines are expected to pace up the operational activities and to increase the production efficiency. The company is also planning to add more assembly lines for the manufacturing of new products.



Teaming up with top technology: New purchase at Boom

C&S is always at the forefront when it comes to embracing the latest in technology. Along with the new sand casting machine purchased last year, the company adds a new transformer in its facility in Boom, Belgium. The machine is able to test both high and low voltage installations and can be used for testing equipment suitable for use up to 10000 Amps. This transformer aids in conducting in-house temperature rise tests - witnessed, if necessary, by clients - during FAT's (Factory Acceptance Test).



Winbreak 1

MCCB - Single Pole

Introduction

C&S, with its penchant to become a complete solution provider and to add value to the customer experience, launches Winbreak 1, single pole MCCB in three color variants (Black/Grey/Brown) for different ratings. These MCCBs will help to tap different customer segments like DISCOM/Utility/OEM.

Winbreak 1 Single Pole MCCB provides safe and easy solution for low voltage electrical circuit protection. It is an ideal solution for general use application up to 240V AC. The high breaking capacity of these MCCBs reflects the robustness of its design and ensures high electrical and mechanical life.

Winbreak 1 complies with the latest standard line IS/IEC: 60947-2, 2003. These MCCBs provide accurate and impeccable protection against overload and short circuit. What's more, its contemporary design, ergonomics, and compactness make it a superior product.



Product Highlights

- Range: 60A-200A in Single frame size
- Standard Breaking Capacity: 12.5KA
- Trip Unit: Fixed Thermal Magnetic
- "Push to trip" facility to confirm healthiness of mechanism suitable for disconnecting function/positive isolation.

Features

- Color coding (Black/ Brown/ Grey) to differentiate the current rating
- Ics = Icu = 100%
- Comes with Standard Extended Terminals
- Pad locking facility available on MCCB itself
- Opening time is less than 10 msec
- Mechanical life of 25,000 operations
- Electrical Life of 10,000 operations

CSFPI-C1

Self Powered Current Protection Relay

Introduction

CSFPI-C1 is designed to detect and indicate Earth fault and Short circuit on a cable system, which can be used in RMU networks with one input / open ring arrangement. The unit will indicate a fault condition when current is detected above present amperage trip current settings. Fault current is sensed by cable mounted sensor, which gives signal to front display unit. All sensors are clamp type sensor and can be retrofitted on the cable.



Features

- Programmable Short circuit pickup level (wide range 100A to 1200A).
- Programmable Earth fault pickup level (wide range 10A to 100A).
- Indication of permanent earth-faults by blinking of Earth-fault LED.
- Indication of a short-circuit by blinking of the Short-circuit LEDs.
- Programmable response delay for short-circuits and Earth-faults (individually).
- Upto three potential free contacts to indicate earth-fault, short-circuits and battery low remote indication.
- Various reset option for Fault Reset.

Functional Description

The CSFPI-C1 is a combined Earth Fault and Short Circuit indicator. If the Phase/Earth current exceeds programmed set current for programmed response time, the fault (affected Phase in case of short circuit) will be indicated by red flashing LEDs and a relay contact will be activated. A Relay contact will also be activated if battery is low. Reset occurs automatically by preset time passage or by an external potential free input or by recovering of 230V AC (Not a Aux. Supply) Voltage or by resumption of operating current or by the phenomenon of existence of current for 3 sec. after fault or by manually via push button. A 'Functional Test' can also be carried out on field by pressing for more than 3 Sec. and 'Battery Test' by pressing the Push button for more than 6 Sec.

Programmable parameters can be set through DIP switches which are accessible by opening the Front Cover of the CSFPI indication unit. Exit (Disable) option is available for Short Circuit & Earth Fault detection.



LED Street Light

Energy Efficient Road Lighting Solution
in 20W~150W

Introduction

C&S Electric introduces energy efficient LED street light luminaires for road lighting applications. These luminaires are made of single piece pressure die cast aluminium. The street lights are epoxy powder coated in grey color equipped with heat resistant toughened glass.

The street lights are available in various wattage ranging from 20W~150W.



Features

- Housing - Single piece pressure die cast aluminium epoxy powder coated, grey color
- Glass - Heat resistant toughened glass
- Gasket - Silicon rubber with high thermal resistivity
- Internal Wiring - PVC insulated copper wire
- Mains terminals - 2 way 10 amps, suitable for terminating 1.5 sq.mm cable
- Hardware - 304 grade stainless steel
- Earthing - Suitable for 14 SWG earthing wire
- Driver - Inbuilt high power frequency electronic driver
- Color Rendering Index/CRI > 70

Technical Specifications

- I/P Voltage Range - 120V to 280V AC, 50/60 Hz.
- Working temperature - upto 50°C
- Input Voltage protection - Low & High Voltage cut
- CCT/ Color - 5000k ~ 6500k
- Life span > 50000 hours
- Lumen output- upto 100 per Watt
- Electrical efficiency - >88%
- Ingress protection-IP66
- Highly constant current supply electronic driver

Applications

- Streets & highways
- Parks & gardens
- Parkings
- Roundabouts
- Malls
- Factories

Earth Fault Protection CSEFP1.0

Introduction

Earth Fault / Ground Fault Protection relay, is an electronic trip unit, designed to protect the installation in case of earth faults or leakage currents beyond a preset level. The trip delay is adjustable. The potential free contacts out put of this unit is wired in to the user system for interlocks & protection.



Features

Trip Time delay

- Trip time delay setting is from 100 milli-seconds to 1 second (field settable)
- Select 100 milli-second time delay for instant tripping

Current Sensitivity

- Current sensitivity can be set from 10% to 100% of the selected full-scale current input through CT (1 Amp or 5 Amp)
- Select 10% current sensitivity for instant tripping

Specifications

Auxiliary supply voltage	240/415V AC
Frequency	50/60 Hz ±3%
Power consumption	3 VA
Output relay contact	2 CO
Output contact rating	5A, 240V AC (Resistive)
Life expectancy	0.5 x 10 ⁶ operations at 100% rating
Sensitivity setting	10% to 100% of rated current input
Earth fault trip time setting	100 milli-seconds to 1 second
Reset	Manual
Indications	Mains: Green Fault: Red
Enclosure	ABS
Overall dimensions	71mm x 61mm x 111mm
Weight	450 gms (approx)

Exhibitions

Elecrama 2014, Bangalore

C&S Electric participated in Elecrama 2014 (8th - 12th January) which was organised in Bangalore. Elecrama 2014 is the IEEMA's premier flagship event and the world's largest exposition of electrical transmission and distribution equipment.



C&S Electric showcased its entire range of products in the show. More than 1000 visitors visited the stall. The stall and the product display were widely appreciated by visitors and business representatives from across the world. The business meetings were a great success too.

Elektro 2014, Moscow

C&S Electric participated in the 23rd edition of Elektro 2014 (26th - 29th May) held in Expo Center, Moscow, Russia. Elektro is Russia's high-end meeting point for specialists in electrical equipment for power & electrical engineering, automation & lighting. C&S Electric exhibited its Low Voltage Components,



Power Busbars & lightings product range in the event. The booth was visited by many international clients from Russia and neighboring countries. C&S Electric has been a regular participant in the Elektro Exhibition for years, making the brand presence shine across continents.

Conquering the world, one exhibition at a time

Exhibitions are a great way to promote a brand's visibility and to build better networks. C&S Electric made its presence felt in a large number of exhibitions conducted across the world.

Hannover Messe Fair 2014, Germany

C&S Electric was a participant at the Hannover Messe Fair, conducted in Hannover from 7th to 11th April, 2014. C&S Electric has been successfully participating in this event for the last 15 years. The company exhibited its LV product range, power busbars & lighting products. The Hannover Messe Fair has helped C&S in expanding its network in more than 85 countries. The company stall attracted many international customers, both existing and prospective.



Middle East Exhibition, Dubai



The Middle East Electricity Exhibition 2014 was yet another event where C&S Electric was a significant participant. It was held at Dubai International Convention & Exhibition Centre, from 11th to 13th February 2014. LV products and Power busbar range of products were on display along with the MV Ring Main Unit (RMU).

OTC Fair 2014, Houston, Texas, USA.

Eto-com participated at the OTC Fair which was conducted from 5th - 8th May, 2014. The Offshore Technology Conference (OTC) is the world's foremost event when it comes to understanding the development of offshore resources in the fields of drilling, exploration, production, and environmental protection. OTC provides exhibitors the latest technical information, valuable professional contacts and access to the industry's largest equipment exhibition. It is held annually at Reliant Park in Houston, Texas.



Changyuan Hoisting Machinery Exhibition, China

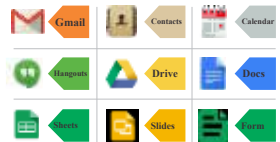


C&S Electric participated in this unique show which mainly focused on Hoisting and Crane Machinery. It was held from 20th to 22nd April, 2014, at Changyuan, China.

C&S is always on the lookout for new avenues to establish the company as a strong player in the industry. Be it embracing the latest technology to facilitate smooth operational activities or to build great retailer relationships, C&S is always raring to go.

A strategic move, ensuring streamlined efficiency. C&S moves to Google Apps

C&S is moving its email and calendar platform to Google Apps. The new platform offers the added benefits of a robust and innovative feature set along with the ability to access email and calendar services from any web-connected computer. It also comes with larger storage capacity and lesser infrastructure and support costs. What's more, Google Apps is easy to use, and offers a more efficient way to manage email and calendar.



Retailer Seminar at Jammu & Kashmir

A seminar was conducted on 17th May, 2014, to introduce the C&S portfolio to the retailers through product presentation and discussion. More than 100 retailers participated in the seminar. Another seminar was conducted in Srinagar on 18th May, 2014, to foster the brand image among the retailers. The C&S corporate movie was shown which was followed by product presentation and discussion. More than 90 retailers participated in the seminar. Gifts were distributed to the retailers which they had won in last year's retail scheme. Retailers appreciated the quality of C&S products and also the new retail scheme for the year 2014 - 15.



Retailer Meet at Bangalore

A retailer meet was held at Bangalore on 15th July, 2014, to establish an impressive brand image among the retailers. The corporate film was shown which was followed by a seminar. Gifts were awarded as part of the last year retailer scheme. The retailers appreciated the quality of C&S products and also the new retail scheme for the year 2014-15.



Road show in Pondicherry

A Road show was held at Kaleeshwari Electricals, Washermanpet, Chennai on 18th and 19th July, 2014. The specifications of C&S products such as MCB, DB, Isolator, AC Box, Combi Enclosure, Weather Proof IP-55 MCB Enclosure were explained to the visitors. The products were appreciated for its quality and wide range.



Winmaster-2 Launch

C&S launched LWA & Winmaster -2 ACB products on 21st Feb, 2014 at Nasik. The programme was attended by more than 140 people including Building Infra contractors, panel builders, OEMS, consultants and end customers. The event was covered in North Maharashtra's Punya Nagari Times and Dashedoot Times.



Corporate Social Responsibility

Why I love to work in C&S?

A competition on "why I love to work in C&S?" was organised in all plants and offices. Following are the winning statements:

"I love to work in C&S because it synchronises "Commitment & Success (C&S)-commit to your job and success will follow" **O P Kataria** - LVC Exports

"I love to work in C&S because it has an open culture in terms of work environment, there is freedom of expression and ample support from seniors and management. Above all, I enjoy the aggression with which we are moving ahead in the industry" **Mukesh Mangla** - BBT

"I love to work in C&S because I am associated with the company from my early days and I have learnt all those small as well as big things that lead to do my job with perfection. And it means a lot to me and inspires me to take bigger responsibilities and also gives me job satisfaction." **Rameshwar Jaiswal** - Corporate

Sharing is caring: C&S conducts Vastradaan

C&S is always ready to lend a helping hand for those in need. Vastradaan is one among many such annual regular features for helping the under privileged. C&S organised Vastradaan Day on 9th May, 2014, where 1593 clothes were donated by C&S family. Clothes were contributed by the employees from all units and were personally handed over to the NGO "Goonj" by visiting their processing centre at Sarita Vihar.



Aiming for a sustainable world: C&S celebrates World Water Day

C&S celebrated 'World Water Day', with slum children, joining hands with the NGO 'Family India Foundation' on 22nd March, 2014, at Aali Vihar Centre, Badarpur, New Delhi. Speeches on the importance of water and how to save it were given, along with presentations and motivational video clips. More than 50 children participated in the event. The children participated in the slogan and poster competition that followed. They also took part in the Dance & Drama segment where their talents were showcased.

A lending hand for the under privileged: C&S with JOSH NGO Children

The C&S team visited the JOSH (NGO) centre on 8th March, 2014 for educating the under privileged children. The program included a motivational presentation for the children. They were educated about the various psychological blocks they might face as part of growing up and how to counter them successfully. They were also shown motivational clips emphasising the importance of hard work and dedication in order to achieve success in life.



C&S: A company with green conscience

Through thick and thin: C&S conducts Social Welfare Activity in Haridwar.

C&S Electric team along with Redcross Society distributed blankets to the less fortunate people in and around Haridwar city.

C&S MCB, Panel & LWA team collectively donated for this noble task.



Sponsorship of painting of Lord Shiva Idol at Haridwar

C&S Electric has adopted the Lord Shiva park at Haridwar and also sponsored the painting of the Lord Shiva idol. The company supplied the lights & luminaires for the illumination purposes of the idol. The famous idol, which is also one of the tallest one, is located on the bank of sacred river Ganga in Haridwar. C&S Electric is also responsible for the maintenance and cleanliness of the park.





An eye for safety will get you awards too

C&S Electric employees awarded for best safety measures.

Occupational health and safety is critical to the success of any construction site or projects. C&S Electric lays great emphasis on safety measures at work places and always insists its employees to observe the safety rules to avoid calamities. Its Environment, Health & Safety (EHS) department trains and equips all its employees in safety measures, rules and regulations. No wonder, C&S employees get chosen for their strict adherence to safety measures in different project sites. This year also, C&S employees won safety awards in Paradeep Refinery.



Best Safety Performance (August)
Presented by IOCL GM to Sachchikanta Mallick (Helper)

Best Safety Performance (August)
Presented by UJFL GM to Khirad Swain (Welder)

Best Safety Concern Person (July)
Presented to Swarup Sahu (Helper)

Major orders continued.....from page 2

Eta-com Orders: Making waves globally

Island Surface Facilities (EPC 2), Abu Dhabi

Eta-com won supply order of 12 lines of medium voltage busbars (types PH10, PH12, PH16, PH20) from Island Surface Facilities (EPC 2), Abu Dhabi, the second largest offshore oil field and the fourth largest oil field worldwide. This project is estimated to up the oil production capacity by 750,000 BPD (barrels per day) during the first phase and by 150,000 BPD during the second phase.

E.ON Galileistraat, Rotterdam, The Netherlands

E.ON Benelux produces and delivers electricity, heating and gas to private consumers and is one of the biggest energy providers in The Netherlands. The company owns six gas power plants (Leiden, Den Haag, UCML (Utility Centre Maasvlakte Leftbank, WKK), Delft, RoCa' (Rotterdam/Capelle aan den IJssel) and Galileistraat (Rotterdam). It also has a coal power plant at the Maasvlakte. Eta-com delivered low voltage lines for this project, plus 2 x LB12DC lines for a total of 56 mtrs of busbars and medium voltage lines along with 1 x PH10S 10kV lines for a total of 8 mtrs of busbars.

St. Anna Hospital, Geldrop, The Netherlands

St. Anna Hospital (Geldrop & Eindhoven) is a local hospital with over 100 specialists and a capacity of 320 beds. Eta-com delivered low voltage lines for this project, 10 x LA16EA lines for a total of 307 mtrs of busbars.

DSM Next Generation Sulfa, Geleen, The Netherlands

This project concerns a new ammonium sulphate factory to be built on the Chemelot site in Geleen. Eta-com delivered low voltage lines for this project, 4 x LB16EC lines for a total of 42 mtrs of busbars and 3 x LA16EC lines for a total of 37 mtrs of busbars.

Nabinagar, India

Nabinagar is a coal handling plant for a 3 x 660MW coal-based super thermal power project at Nabinagar, India. The plant will be designed to run at a capacity of 3630 tons per hour. Eta-com will deliver low voltage busbars type LB16DA, and medium voltage busbars, type Ph20 for this project.

The stamp of quality:

C&S receives ISO certification.

C&S Electric Limited received ISO 9001:2008 & 19001:2008 quality management certificate for the production of contactors and switches for its China manufacturing facility. This tremendous feat was achieved as a result of great contribution from everyone in the company, from engineering to product development to process manufacturing teams. The company was committed to meeting and exceeding the stringent quality management requirements to ensure the reliability and the quality of its products. C&S Electric is already a CCC certified company in China, which is a mandatory requirement for selling products in the Chinese market.



ISO 9001:2008, the most widely known and internationally accepted standard for quality management, recognises organisations with a quality management system that consistently provides services that meet customer and regulatory requirements.

Gas Power Plant, Bouchain, France / LV & MV

The Gas Power Plant in Bouchain will be the first Flex Efficiency 50 plant to be connected to a national grid. The combined cycle plant will be located at Bouchain, an existing EDF power plant site in northern France, and will produce 510 megawatts. Eta-com has received 3 orders for this project (Phase 2 – E-room, Phase 3 – Outdoor, Phase 1 – LEC) for a combination of different types of low and medium voltage busbars. The total order amount goes up to 280.000T.

Shell - Malikai, Malaysia

With Malikai, Shell and its partners Conoco Phillips and Petronas are planning to install the first tension leg platform (TLP) in Malaysia. Eta-com will provide low voltage busbars for this project, type LB12DC and LB12EC.

CSN Gensets: Scaling New Heights

C&S has supplied its DG Sets to Border Road Organisation at its site Suhathota, 31 km from Joshimath at Uttarkhand. In addition the company also received corporate orders from Dominos & Dunkin Donuts food outlets. The order received is for pan India locations.



CSH at Suhathota, Ultrakhand

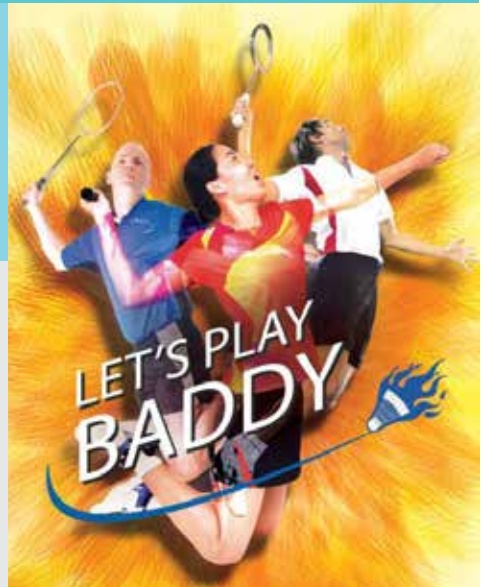
C&S Badminton Championship (CSBC). Reloaded

Badminton is a much loved sport in India and is emerging as one of the most professionally played games. C&S Electric believes in maintaining a proper work-life balance. Sports initiatives such as these underscore the company's commitment towards this goal.

After the successful completion of first edition of C&S Badminton Championship (CSBC) 2013, C&S Electric launched the second edition of the championship. The tournament started on 24th August and the finals were played on 21st September. The format features Men's and Women's Singles, Doubles and Super Double Championships and the winners get attractive cash prizes. The tournament was inaugurated by the Executive Director in a gala event at Noida stadium.

The event witnessed many exciting matches with nail-biting finishes. The final result of tournament is as follows.

Men's Singles	Winner	Gaurav Singh
	Runner-up	Nishant Kushwaha
Women's Singles	Winner	Varsha Singh
	Runner-up	Sadhana Singh
Men's Doubles	Winner	Manjit Singh Sukhpal Veer Singh
	Runner-up	Manish Kumar Vijay Mohan Bhardwaj
		Winner
Super Doubles	Runner-up	Devasheesh Kumar Kapil Grover



Mr. Gaurav Singh won the Men's Singles Final Match



Mr. Manjit Singh & Mr. Sukhpal Singh won the Men's Doubles Final Match



Ms. Varsha Singh won the Women's Single Final Match



Mr. Ashish Trisal & Mr. Balwant Singh won the Super Doubles Final Match

The C&S TV commercial is on air!

C&S is excited to inform you that the company's TV commercial is finally on air! It was a significant step when the company decided to start promoting the brand name through the medium of TV. The commercial started airing on 5th July on all the leading news channels such as Aaj Tak, India TV, Zee Business, NDTV 24X7, News Nation, India News, Tej, Delhi Aaj Tak and also on UTV Movies. In addition to this, C&S is also an associate sponsor for many programs on these channels.

This initiative will give a major boost to the brand and this renewed awareness will help the company in establishing C&S Electric as the most preferred and respected brand. The initiative is a continuous exercise and the advertisement shall be soon visible on regional channels. The commercial can be viewed at C&S Electric channel on you tube.



C&S in the public eye: Outdoor campaign in Delhi/NCR



Hoarding at Delhi, Kalindi Kunj



Hoarding at Delhi, Lajwanti Garden



Hoarding at Nagpur, Railway Bridge



Hoarding at Nagpur, Sadar Main Road

After launching the TVC campaign, C&S Electric rolled out its outdoor campaign in Delhi, Noida, Ghaziabad, Faridabad, Nagpur & Raipur.

The current campaign comprises various outdoor media vehicles like billboards, unipoles, wallwraps, hoardings, backlit kiosks etc.

These are placed in strategic locations across the city on main roads like Ring Road, highways and busy market areas.

The communication on the hoardings is in sync with the TV commercials that are currently on air. The route adopted for the hoardings is an educative one. These billboards aim to educate the customers towards the applications of MCB & RCCB products. It emphasises that MCB or RCCB alone doesn't give complete protection. One is required to use both MCB & RCCB for getting complete protection from short circuit, overload and shock.

The campaign is focused on MCB & RCCB products with the tag line - **C&S MCB & RCCB. For Triple Protection.**

RCCB BACHAYE SHOCK SE



MCB BACHAYE SHORT CIRCUIT AUR OVERLOAD SE

Protects from

○ **OVERLOAD** ○ **SHORT CIRCUIT** ○ **SHOCK**

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We touch your electricity everyday!