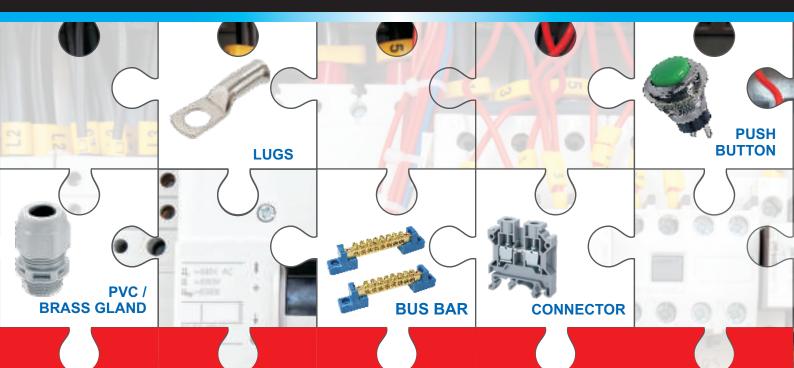


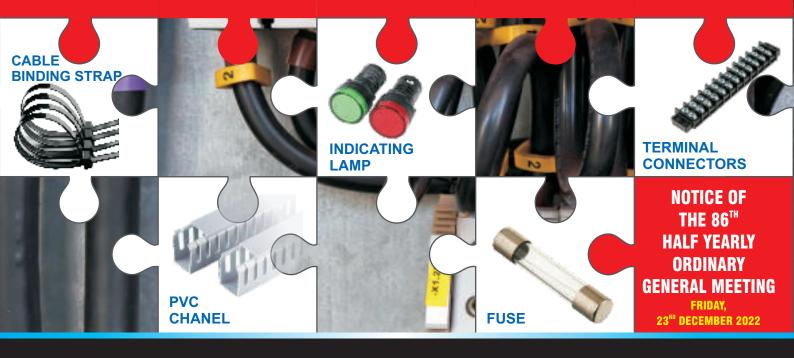
# The Electric Merchants' 9550ciation



R. No. 7 & 12, 2nd Floor, Shreeji Bhuvan, EMA Chowk, 51, Mangaldas Lane, Lohar Chawl, Mumbai - 400 002. Phone: 022-2206 0625, 2208 8141 • TalkFree.: \*7202 / \*7203 • Email: office@emamumbai.com • Website: www.emamumbai.com



# PANEL ACCESSORIES



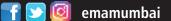
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# NOTICE OF THE 86<sup>TH</sup> HALF YEARLY ORDINARY GENERAL MEETING

Members of the Association are hereby informed that as per the requirement under the rule, 18(D) of the Rules and Regulation of the Association, the 86th Half-Yearly Ordinary General Meeting of the Members of the Association for the year 2022-2023 will be held on Friday, 23rd December 2022 at 04:00 pm at EMA Hall to transact the following business.

### **AGENDA**

- 1. To read and confirm the Minutes of 85th Annual General Meeting Held at THE GARWARE CLUB Hall on Tuesday, 28h June 2022.
- 2. To receive and adopt the report on the performance of the Managing Committee for the 6 (six) months period from 1st April 2022 to 30th September 2022.
- 3. To read and approve the list of Association's Holidays for the period January 2023 to December 2023.
- 4. To discuss about the new office premises for EMA & subsequently appoint committee for the same.
- 5. Any other matter with Permission of Chair.
- 6. Vote of Thanks.

#### Please Note:

As per rule 20 of the Rules and Regulations of The Electric Merchants' Association, no business shall be transacted, if within 30 (thirty) minutes of the hour specified for the meeting no quorum is formed. In such a case, the meeting shall stand adjourned. An adjourned meeting shall transact business for which it is called, without the necessary quorum.

For, The Electric Merchants' Association

Sd/-

Mr. Ketan Thakker / Mr. Manav Doshi (Hon. Secretaries)

NOTICE OF THE 86<sup>TH</sup> HALF YEARLY ORDINARY GENERAL MEETING

## IESSAGE FROM THE PRESIDENT





Season's Greetings! Once again a very Happy new year to one and all!

Friends, I hope you all had a wonderful time in our flagship event of the Year **DIWALI GET TOGETHER**, and thank you for making it a grand success.

This year we had a fantastic theme in Music - Photocopy reloaded, and the feedback from all of you is marvelous and very encouraging. We hope you all

will keep supporting the association with same enthusiasm and spirit in future.

We also did Unveiling of the Electrifying and Empowering EMA Flag, which will create EMA's identity at National and Global levels. Hope you all liked the same.

The staff welfare program was also well appreciated by Members and staff, we would like to Thank our sponsors and members for supporting us and making it a grand successful event.

On business front, today number of reforms and many of Infrastructure projects has been initiated by government of INDIA, the awareness on energy saving, clean & green energy, Electric vehicles, which has created huge business opportunity in Electrical market. We request all members to take utmost advantage in their respective business.

This journal the topic as you are aware, is on panel accessories which is again a vast subject. We have tried to cover major aspect & hope you will like the content.

Once again wish you all the best for Health, Growth, Prosperity and Happiness.

Thank You,

**NIRMOHI SHAH** President 2022-23



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Page No. 14-22





Page No. 24-25



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### The Electric Merchants' 9550ciation



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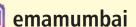
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### **AFFILIATION**











### **EMA BANK DETAILS**

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IFSC CODE : UBIN0531910

Bank Name : HDFC BANK

Branch : CRAWFORD MARKET

A/C. No. : 50200056831717

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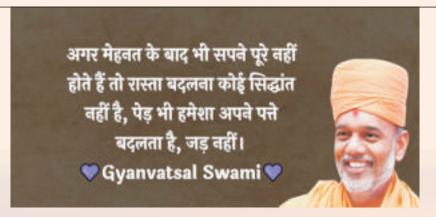


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### **SEMINAR**

Speaker: Shri Gyanvatsal Swami

Saturday, 25th February 2023



### Dear Members.

We are extremely happy and proud to announce that EMA has organised motivational seminar to be addressed by spiritual speaker Shri Gyanvatsal Swami. He is a Motivational Speaker, Social Reformer from Akshardham, BAPS (Bochasanwasi Akhsar Purushottam Sanstha) Swaminarayan Mandir.

He has given motivational speeches at different seminars and in multiple countries including New Zealand, Europe, Canada, the United States, and England. He covers a wide range of niches such as Stress, work-life, career, education, etiquette, attitude, etc.

### Less-known facts about Gyanvatsal Swami

- Gyanvatsal Swami is an avid reader. In fact, reading is his only hobby.
- He is recognized as the Swami of the BAPS Sanstha.
- Most of his motivational videos go viral on the internet. His amazing abilities to deliver a motivational speech (that could actually help people) have earned him lots of fame.
- His real name is Rakshit Rawal.
- Gyanvatsal Swami received his training from Pramukh Swami, his Guru.



### The Electric Merchants' 9550ciation

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**ORGANISES** 





Most awaited event is back, It's time to meet the Young Entrepreneurs of EMA again.

Inviting all the young brigade of EMA. We are also inviting father / Guardian with their Gen next for the event of G2G 2023.

#### Gen Z with Gen X

We welcome the young entrepreneur and also the **Duo** of Father-child to join for an interesting session followed by dinner.

Date: Friday, 06th January 2023 | Time: 07:30 pm onwards
Venue: P J Hindu Gymkhana, Marine Lines
Please register yourselves for the event.

- Charges: ₹500/- for 2 persons (Father + Child) ₹300/- for 1 person
- Please fill up the form and submit to EMA Office with Cash payment only.
- Registration starts from: Thursday, 15th December 2022, Timings: 02:00 pm to 06:00 pm
- Registration on first come first serve basis only.

For more information please contact:

Mr. Chintan Sanghvi+91 98206 38937 Mr. Prem Vora+91 81691 90704

### REGISTRATION FORM

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Father's Nam	ne :	Father Gennext duo Rs. 500 x	= /6.
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### REPORT-NEW YEAR GET-TOGETHER

The organizing of Diwali get together has been the tradition of EMA for the last 28 years. This August gathering allows members, their families and delegates from electrical corporates to connect among themselves and greet each other on the occasions of the new Samvat Year 2079. The Event was organized on Wednesday, 2nd November 2022 at Birla Matushri Sabhagar and was supported by M/s. KEI Industries Limited with more than 1000 attendees. With positivity all around and the beaming business opportunities, members celebrated this year's Diwali get together with lots of joy and enthusiasm.





Programme Committee had called upon 3 musical group for discussion to finalize the orchestra for the event. They selected **Amit Sinha** Musical group on the basis of Theme, Sound, Led Lighting and the lead singers. The Theme photocopy reloaded was new and refreshing and the committee was confident that the members would love it. For the member's convenience, facilities and the safety provided by Birla Auditorium and Sundrabai Catering Hall, venue has been kept same for the last 20 years. For his excellent quality and tasty cuisine, Mini Punjab Catering Service Pvt Ltd was once again given chance to

serve members with delectable dishes.

To make event more interesting and to keep members regale with more musical repertoire, Programme committee decided to gift 3 Smart watches to early bird entrant, who manage to enter Auditorium before 7 pm. The response was awesome by the members and guests. This gamble enabled event to kick start on time.

Chief guest of the evening Shri Anil Gupta (Chairman and Managing Director – M/s. KEI Industries Limited) arrived on time and was given red carpet welcome by the President Mr. Nirmohi Shah, Mr. Vrajesh Desai, Managing Committee and the Past Presidents. Shri Anil Gupta was accompanied by the company's CEO Shri





Manoj Khakhar. Both personalities were given rousing welcome in the auditorium with live Music. Compere of the evening Hon Secretary Mr. Ketan Thakkar welcomed Chief Guest and requested them to illuminate Diya along with EMA's President Mr. Nirmohi Shah, Programme committee Chairmen Mr. Bhavik Parikh and Mr. Hasmukh Shah. Before the start of the Musical Spectacle by Amit Sinha and Group, National anthem was played and the Early bird prizes were declared. Photocopy theme i.e., Hindi song was

### REPORT-NEW YEAR GET-TOGETHER

sung by the singers on the same tune as with the old English one. Mr. Jason from Africa was invited to sing English version of Songs.

Almost after an hour or so, exciting and pulsating part of the evening turned up. All the Pillars of the EMA, Past Presidents, who were present in the Birla Auditorium were invited to unveil the new identity of EMA i.e. "FLAG". Video of the unveiling and the features of the flag were very explained on Big LED screen. Color and the Stripes on the flag illustrates

the composition of the Association. The identity will help association to become more vibrant, stronger and empowering. President unveiled 4ft x 2ft flag with big applause, and the members appreciated focused and

hard work of the committee. Committee has decided to circulate flags to each member by the December 2022.

Felicitation event started by Mr. Ketan Thakkar, who once again welcomed august gathering by wishing them Happy and Prosperous Samvat 2079. He welcomed Chief Guest of the evening. He thanked all the Past Presidents, members, guests and delegates from Electrical Corporate Companies, Office bearers from neighboring associations and media for sparing valuable time to attend the event. He invited Audio Visual team to run EMA's Corporate Video.



He invited Chairmen of the Programme Committee Mr. Bhavik Parikh to introduce Chief Guest Shri Anil Gupta.

### **Bhavik Parikh Excerpts:**

Mr. Anil Gupta is a recognized and an accomplished expert in the Indian cable and wire Industry and a firm believer in technology. His customer-centric approach blended with a futuristic vision has ensured the production of cable and wire products of the highest quality. He is the brain behind some of the path-breaking innovations in the industry and





undoubtedly the inspiration as well as the guiding force behind KEI undisputed leadership in the category. He became a part of the KEI group in 1979 as a partner in the erstwhile Krishna Electrical Industries and soon rose to become its Chairman & Managing Director. With over 40 years of experience at the helm of KEI Group of Companies, he has been successful in executing company policies and encouraging his team to deliver nothing but the best. As a dynamic leader, he

# NEW YEAR GET-TOGETHER

has initiated various marketing, production, quality control and product development policies. His hard work and pioneering ideas have played a major role in the company's success while his contribution to the company remains exceptional and unsurpassed.

Mr. Ketan Thakkar then invited Shri Anil Gupta to address the gathering. In his humble speech Anilji thanked EMA for giving them opportunity to sponsor the Diwali event. He emphasized the contribution of



the channel partner in the growth of KEI Industries. He also dwelled as to how he came into the cable business, and with the sheer commitment and the hard work by him and his team today KEI has become a brand to reckon with.

Shri Anil Gupta was presented with Shawl and Memento by the President Mr. Nirmohi Shah, Mr. Vrajesh Desai, Mr. Hasmukh Shah and Ex-officio Mr. Prashant Parikh. CEO of M/s KEI Industries Ltd Mr. Manoj Khakhar was honored with memento by Vice President Mr. Samir Mehta and Mr Niren Dharia. Mr Ketan Thakkar asked AV team to run Corporate Video of M/s. KEI Industries Ltd, which was appreciated by

#### one and all.

Mr. Thakkar then invited EMA President Mr. Nirmohi Shah to express his thoughts. Mr. Shah thanked Shri Anil Gupta for accepting to be the chief host of the Diwali Get together and also thanked Mr. Vrajeshbhai for his support in bringing KEI on the board. He also thanked all the sponsors till date for helping EMA to organize memorable 29 Diwali get together. He also conveyed that his team is putting all hard work to

empower members, so that they can work confidently and tap the opportunities in their business. He emphasized that with the unconditional support of the corporates, EMA will usher in more interactive events in the days to come.

Mr. Bhavik Parikh invited Treasurer Mr. Prem Vora to honor Mr. Vrajesh Desai for being instrumental and facilitating sponsors for the Diwali events. He then invited Mr. Chirag Shah and Mr. Nitin Gandhi to felicitate Election Scrutinizers Mr. Siddharth Doshi and Mr. Arvind Parikh for their selfless service for last 20 years for the smooth conduct of election process.







### REPORT-NEW YEAR GET-TOGETHER

At the end, Mr. Prem Vora was invited to propose vote of thanks. He thanked Chief Guests, M/s. KEI Industries Limited team, Management of Birla and Sundrabai, Staff of EMA, Mini Punjab Caterers and last but not the least EMA Members for their fantastic support for the event.

Second session of the Musical Spectacle was awesome. Members were ecstatic with the songs sung by Amit Sinha and his team. Songs choregraphed by the group were apt for the Diwali evening. Medley songs sung by Amit Sinha and his female partner were appreciated by one and all. 75% of the members were present in the auditorium till 10.30 pm to enjoy the musical extravaganza. In the interval of 20 minutes between 8.30 pm and 9.40 pm, five lucky draw prizes were announced. TV, Air fryer, Oven Grill, Juicer and grinder were distributed to the lucky winners of the draw. They collected their respective gifts from the Gift Counter.



After the musical event M/s. KEI Industries Limited distributed return gift to all the participants of the event. Members were happy to receive excellent quality gift from the KEI. Members, their families and the guest enjoyed the delicious dinner served at Sundrabai hall. Three Diwali Kandeels with EMA and KEI logo were installed in the by lanes of the Lohar Chawl.

Programme Committee thanked all the committee members for their support and hard work to make this event a grand success.











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## The Electric Merchants' 9550ciation



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### A FAMILY TURF CRICKET TOURNAMENT

For last 30 years, EMA has been organising sports for members and their families helping in developing virtues like hard work, sacrifice, working under pressure, improved communication skills with your mates etc. Another significant point is team sports develop the hunger for winning as a whole, building up of competitive spirit. Sports lead to a wellbalanced mental and physical growth and tones up muscles and strengthen bones. For the growing children, sports play a very essential part in developing their body and mind.

Finally the most awaited event of the year EMA PREMIER LEAGUE 2023 the family turff cricket is here. Please find the attached Form. Request all EMA members to register themselves along with your family members.

Request all EMA members to participate in large numbers and help us make it a grand success!

#### PARTICIPATION FEES

EMA Members: Rs. 500.00 Rs. 300.00 Spectators

Participation fees includes Breakfast, Lunch, Snacks & Playing Jersey.

Date: 22nd January 2023 | Time: 7:00 AM Onwards

Venue: Prabodhan Kridabhavan Maidan, Goregaon (W), Mumbai-400 104.

For more information please contact:

Manav Doshi: +91 96190 35511 Tarang Rathod: +91 9819198373 Jigar Parikh +91 70452 70245

**Booking starts from 12th December 2022** 

Company's Name

	Player-1	Guest Player-1*	Guest Player-2*	Spectator 1	Spectator 2
Name of the Player					
Male/Female (M/F)					
Batsman					
Bowler					
Wicket Keeper					
Age (in Years)					
Mobile No.:					
T-Shirt Size					
Food Preference : (Jain / Non Jain)					



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# KNOWLEDGE CONTROL PANEL ELECTRICAL

An electrical control panel is a container, usually a metal box or a plastic moulding, that houses a collection of electrical devices that utilize electricity to regulate the mechanical processes of industrial machinery or equipment.

### Three types of electrical control panels.

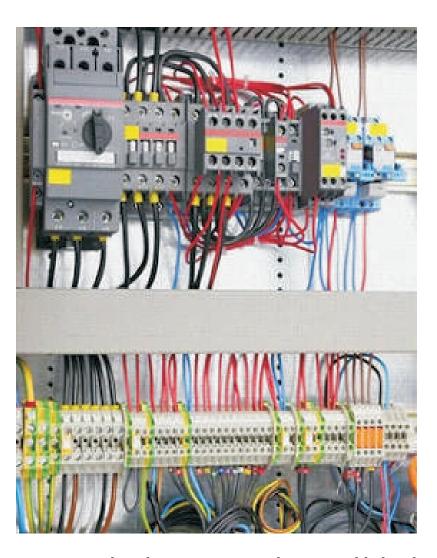
- POWER CONTROL CENTER (PCC PANEL)
- MOTOR CONTROL CENTER (MCC PANEL)
- AUTOMATION PANEL (SCADA PLC PANEL)

For the above Electrical panel and its various type we require panel Accessories and their number is infinite from screw to switchgear

products which also includes LED lights as well. There are some common ELectrical control panel ccessories which we find are mentioned below,

- 1. Lugs and Glands (PVC and Metal)
- 2. Push button and indicating lamps
- 3. Limit switches
- 4. Connectors
- 5. Lock, keys
- 6. Ferrules
- 7. PVC Channel/Raceways
- 8. PVC sleeves
- 9. Bus Bar (Al. and Cu.)
- 10. Ethernet Switch (SCADA application)
- 11. Din Channel/C channel
- 12. Cable tie and binding clips
- 13. Fuses
- 14. Wires
- 15. Bus Bar Supporter
- 16. Neutral link and Earthing Link
- 17. Panel Switches
- 18. Switchgears
- 19. Gromats etc....





The list is On and On, as per the customer requirement and application many products are added and used for the work to be carried out. (14)



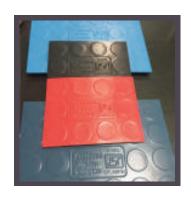




### Insulating Rubber Mat as per ISI 15652:2006









### **Technical Specification**

Sr. No.	Characteristics	Standard Value			
		Class A	Class B	Class C	
1	Thickness	2.0 mm $\pm$ 10% 2.5 mm $\pm$ 10%		$3.0~\mathrm{mm}\pm10\%$	
2	Working Voltage	3.3 KV	11 KV	33 KV	
3	AC Di Electric Strength	Min. 30 KV	Min. 45 KV	Min. 65 KV	
4	AC proof Voltage	should withstand 10 KV for 3 minute	should withstand 22 KV for 3 minute	should withstand 36 KV for 1 minute	
5	Width & Length	1M (higher width available on request) & 2M / 5M / 10M / 20M			
6	Colour	Blue / Black Red / Green / Orange - as per requirement			







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# KNOWLEDGE CONTROL PANEL ELECTRICAL

### **LUGS**

Lugs If the cable terminals are required to be tightened to a bolt by a nut, the most appropriate method is to use 'lug'. The 'lug' consists of 'ferrule' to fasten the terminals of the cable and a perforated plank or 'sped' shaped plank to tighten the bolt. A special type of plier is used, which is called crimping tool.



### **PUSH BUTTON**

A push-button (also spelled pushbutton) or simply button is a simple switch mechanism to control some aspect of a machine or a process. Buttons are typically made out of hard material, usually plastic or metal. The surface is usually flat or shaped to accommodate the human finger or hand, so as to be easily depressed or pushed. Buttons are most often biased switches, although many un-biased buttons (due to their physical nature) still require a spring to return to their un-pushed state. Terms for the "Pushing" of a button include pressing, depressing, mashing, slapping, hitting, and punching.



### **BUS BAR**

In electric power distribution, a busbar (also bus bar) is a metallic strip or bar, typically housed inside switchgear, panel boards, and busway enclosures for local high current power distribution. They are also used to connect high voltage equipment at electrical switchyards, and low voltage equipment in battery banks. They are generally uninsulated, and have sufficient stiffness to be supported in air by insulated pillars. These features allow sufficient cooling of the conductors, and the ability to tap in at various points without creating a new joint.



### **PVC/BRASS GLAND**

A cable gland (more often known in the U.S. as a cord grip, cable strain relief, cable connector or cable fitting) is a device designed to attach and secure the end of an electrical cable to the equipment. A cable gland provides strain-relief and connects by a means suitable for the type and description of cable for which it is designed—including provision for making electrical connection to the armour or braid and lead or aluminium sheath of the cable, if any. Cable glands may also be used for sealing cables passing through bulkheads or gland plates. Cable glands are mostly used for cables with diameters between 1 mm and 75 mm.



### INDICATING LAMP

indicator lamp. indicator consisting of a light to indicate whether power is on or a motor is in operation. synonyms: pilot lamp, pilot light. type of: indicator. a device for showing the operating condition of some system.



# KNOWLEDGE CONTROL PANEL ELECTRICAL

### TERMINAL CONNECTORS

The device used to connect the terminals in the cable is called the terminal connector or the connector. Inside the body made of backlight, there are ducts made of brass which are placed between the two face-to-face sides. The body of the connector working at high voltages (more than 500 volts) is made of ceramic so that it can withstand higher temperatures.



### **ETHERNET SWITCH**

An industrial Ethernet switch allows for communication between devices inside the control panel, such as PLCs, VFDs, and HMIs, as well as networked devices outside of the panel, such as other control panels, SCADA systems, or information systems.



### **PVC CHANNEL / RACE WAYS**

It is an inspection type PVC enclosed channel which provides a pathway for electrical wiring inside the control panel. It has the opening slots on both sides to facilitate the good ventilation and visual inspection. It protects the wires from dust, humidity, corrosion, water intrusion, heat, mechanical damage and physical threats.



### **DIN RAIL**

The word DIN is an abbreviation for Deutsches Institute for Normung, Germany. Which is placed inside the control panel. It is a 'top hat', 'C' and 'G' shaped rail 'or' channel 'prepared on a roller machine in cold state with carbon steel. The position of the DIN rail in the control panel can be kept horizontal or vertical.



### **FERRULES**

It is a metallic ring that is applied at one end of a wood made of hand etc. to prevent it from bursting; For example, a ring, chisel, hacksaw - a ring placed on the inner end of a squad of frames, etc. is called Pherul. Ferrules are also used on the inner end of screwdrivers with wooden handles. Plastic wiring in electrical wiring to prevent destruction of cotton armor on both ends of two-core and three-core cables with external cotton armor. (P.V.C.) 'Farul' of rubber etc. is used.



### **CABLE BINDING STRAP -**

Loose or hanging wires / cables are prone to breakage and due to electromagnetic induction, other circuits are unnecessarily exposed to them. Force and capacitance may arise. Therefore, to keep the cables from the chassis / panels, iron / PVC 'clips' and PVC-made mortar lace are used. Nowadays nylon cable ties are more popular.





### Essen Deinki



We are one of the leading manufacturer/ Exporter of Electrical Control Panel Accessories & High Precision, High Performance Electro-mechanical Components since 1964. We are an ISO 9001:2015 Certified Company.

Our product range covers Micro Switches, Limit Switches, LED Module Pilot Lights, Terminal Strip and Blocks, Relay sockets, Push Button Switches. We also manufacture Electronic FRC/DIN 41612 Euro & Reverse Euro connectors, High Density Connectors, Back Panel Connectors & customize Cable – Connector Assemblies for major OEMs.

Our Products are targeted for markets such as Telecommunication, Computers, Office Automation, Machine Tools, Defense, Avionics, Instrumentation, Industrial Electronics, Power Sector etc.

We are an approved supplier to various companies in Government as well as private sector such as BEL, BHEL, SCHNEIDER, SIEMENS, TCS, ECIL, ITI, NTPC, Indian and Metro Rails and export 40% production to overseas markets also.

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CE Marking is available on all our products.

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# KNOWLEDGE CONTROL PANEL ELECTRICAL

### **SLEEVE**

Generally, PVC Empire 'Sleeve' in 2 mm to 20 mm diameter and one meter length is available in the market, but 'Sleeve' of larger diameter and longer length can also be made. By using it, the additional mechanical protection of the cable / wire and the increase in the heat tolerance limit and the possibility of short-circuit are reduced. Elegance and easiness can be achieved in wiring by installing multiple wires in a single 'sleeve'.



### **GROMATS**

Grommet is usually made from rubber or PVC, so that it can be pressurized into the hole. The size of the grommet depends on the size of the control panel or hole of the component. The ceiling fan installation also uses a grommet on the hook hanging from the ceiling to protect the fan from unnecessary vibrations and provide a good grip to the ceiling of the fan.



### **FUSES**

A fuse is a safety device that protects an electric circuit from becoming overloaded by a current that is too high. Once a fuse has operated, it becomes an open circuit and you must replace it.



### **PANEL SWITCHES**

The Panel switch was named for its tall panels which consisted of layered strips of terminals. Between each strip was placed an insulating layer, which kept each metal strip electrically isolated from the ones above and below. These terminals were arranged in banks, five of which occupied an average selector frame. Each bank contained 100 sets of terminals, for a total of 500 sets of terminals per frame. At the bottom, the frame had two electric motors to drive sixty selectors up and down by electromagnetically controlled clutches. As calls were completed through the system, selectors moved vertically over the sets of terminals until they reached the desired location, at which point the selector



stopped its upward travel, and selections progressed to the next frame, until finally, the called subscriber's line was reached.

### **CABLE TIE**

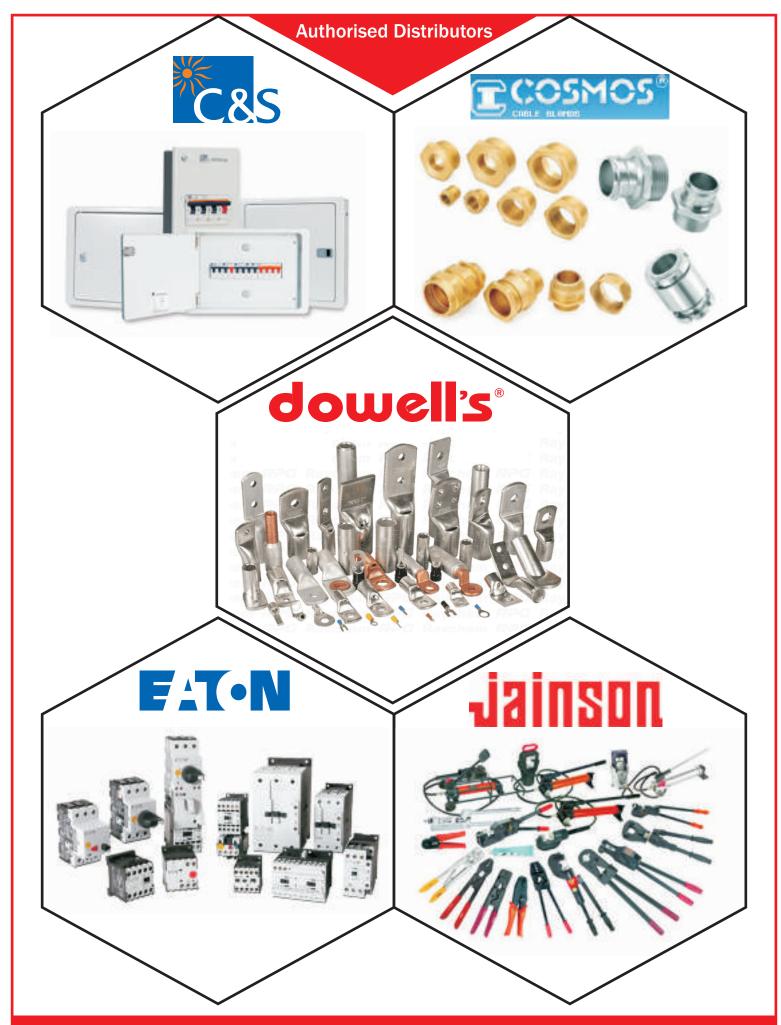
#### **USE OF CABLE TIE**

A cable tie is an economical & versatile method of organizing electrical cables and wires by binding them together. They are self-locking, one piece construction, made of metallic, non-metallic, and composite materials. Its widely use in Electrical, Electronics, Power, Oil & Gas, Telecom, Auto etc. sectors as well as for packaging applications.



#### THE NATURE OF NYLON CABLE TIE

Nylon is a hygroscopic material with stresses induced during the molding process. A majority of cable ties manufactured today are made from various grades of Nylon 66. Nylon 66 is referred to as being a



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# KNOWLEDGE CONTROL PANEL ELECTRICAL

hygroscopic material because it absorbs water and/or loses water depending on the environment it is in. A hygroscopic material has the ability to attract and hold water molecules from the surrounding environment. Cable ties are typically molded. The molding process dries out the material and causes some degree of molded-in stress. To reduce the molded-in stress of cable ties, manufacturers add 2% to 3% of their weight in water to a sealed bag. This process is known as conditioning, which requires about 30 days for the cable ties to uniformly absorb the water. The moisture conditioning process helps to keep the locking mechanism flexible during installation and provides more impact resistance.

### PACKAGING CABLE TIES WITH MOISTURE

To keep cable ties flexible for installation, they are typically sealed in plastic bags to retain the moisture during storage for later use. Manufacturers recommend storing cable ties in a sealed plastic bag, out of sunlight, at 23°C (73°F) and 50% RH.

#### **DURING STORAGE**

A sealed bag of cable ties in most warehouse environments should maintain its moisture level for a period of one year. If long-term storage beyond 1 year occurs, and the storage environment is very dry, reconditioning the product will increase its flexibility. It is recommended that stock is rotated. An opened bag of properly processed cable ties should remain flexible in a dry environment for approximately 3 to 5 days, depending on the size and type of cable tie and the level of relative humidity

#### MOISTURE EFFECTS AFTER INSTALLATION

After the cable tie has been properly installed in the application environment, the cable tie will absorb and/or desorb moisture due to environmental changes. This is the hygroscopic behaviour of nylon. In a normal assembly operation, the maximum stress a cable tie will undergo during installation is when the cable tie is tensioned and cut-off. After surviving the installation process, the remainder of the service life of a cable tie is far less stressful and should be problem free for the life of the installation with regard to moisture changes.

### PRODUCT CLASSIFICATION

Cable ties are classified as Type 1, 11, 2, 2S, 21, or 21S, if they conform to the scope of cable management systems as defined by the International Electro technical Commission (IEC), Underwriters Laboratories (UL), and CSA in Standard 62275.



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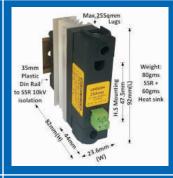


























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### REPORT-<u>STAFF WELFARE EVENT</u>

The Staff Welfare & Program Committee under the guidance of Managing Committee, organized Staff Musical Night for the staff of EMA members on 26th November 2022 at Birla Matushri Hall. The event was sponsored by M/s. Precision Plastic Industries Pvt. Ltd.





Booking for the same was started from EMA office from 10th November 2022 and passes were available till the day of the event till 4 pm, committee members took the effort to reach each and every staff and the event was very well marketed and more than 950 staff got themselves registered, a maximum of 4 staff from each firm was allowed to attend the event.

The Musical Gala Night for staff was very well attended by more than 950 staff members in the auditorium to enjoy the evening with singers

Mr. Sagar and his Team. The show was HOUSEFULL with not a single seat was left empty.

Staff members started to assemble at venue from 6.00 pm onwards. Prior to the musical night, people enjoyed the delicious dinner which was served outside the hall, in the auditorium compound. EMA salute the discipline maintained by the staff during dinner.

Musical event program was started at 7.30 pm, following the rituals the event was started with national anthem and was followed by musical night.



The event hosted by our secretary Mr. Ketan Thakkar. The lead singers of the musical orchestra started the show by singing some Popular Hindi songs and later with Marathi & Bhojpuri songs. During glittering night, the audience enjoyed the music and danced to the beats on the popular numbers were played.



10 lucky draw prizes including LED TV, Oven, Tower Fan, Mixer, Bluetooth head phones etc were announced and given away to lucky winners during the show.

Mr. Kunal Kadakia, owner of M/s. Precision Plastic Industries Pvt. Ltd. was not able to attend the event but Mr. Syed Burhanuddin (Business head -Sales & Marketing) had attended and was felicitated by President Mr. Nirmohi Shah & Mr. Vrajesh Desai, staff of EMA office was also honored by introducing them







# AFF WELFARE EVENT

on the stage, committee members were overwhelmed to see that some staff members who attended the event, came on stage and felicitated committee for holding such event for staff.

We thank Mr Vrajesh Desai of M/s. Eagle Sales Corporation, who was instrumental in bring M/s. Precision Plastic Industries Pvt. Ltd. on board as a sponsor for the event.

The event came to an end at 11p.m. Retuen Gifts (2 bed sheets & 2 pillow covers) were sponsored by M/s. Precision Plastic Industries Pvt. Ltd. were distributed to staff members. The participating staff members, who were absolutely thrilled by the efforts put by Managing Committee. We also thank our EMA members for allowing and sparing time of their staff.

Committee was very well appreciated by Ema Members for arranging such events for staff members.

























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### **IMPORTANT NEWS**

# RBI launches Digital rupee pilot programme: What is CBDC, how it works, features and other detailS



Digital Rupee: India's first digital rupee pilot project has been rolled out by the Reserve Bank of India. Digital rupee (e₹) will be used for issuing virtual currency for transactions in government securities. The concept of digital currency is a bit tricky to understand as it will not be traded like physical money.

The money will be in virtual form just like other cryptocurrencies but the digital rupee will not be decentralised, it will be regulated by the Reserve Bank of India (RBI). The digital rupee will be completely legal and acceptable to the Indian Government.

The launch is being carried out in two phases. This is the first pilot phase where the digital rupee has been launched for wholesale transactions i.e. for large transactions.

#### What is digital rupee?

Digital rupee, also known as Central Bank Digital Currency (CBDC), is a digital form of currency notes issued by a central bank. It is substantially not different from banknotes, but being digital it is likely to be easier, faster and cheaper. It also has all the transactional benefits of other forms of digital money.

### Where will it be applicable?

Digital Rupee will be used for large payments and settlements. According to the RBI, it will be used as the settlement amount on the purchase and sale of government securities i.e. government bonds. The Reserve Bank has also said that it will also be used for retail transactions soon.

#### How does it work?

Similar to checking the bank balance, one can check the balance in the wallet. CBDC will be based on blockchain technology. Individuals will be able to pay it to whomever they want to pay and it will reach their account.

CBDCs are of two types— Central Bank Digital Currency Wholesale, which is used for large amounts of transactions and in the second phase, Central Bank Digital Currency Retail will be used for retail.

Central Bank Digital Currency Wholesale will be used by large financial institutions, including banks, large non-banking finance companies and other big transaction institutions.

Central Bank Digital Currency Retail can be used by people for everyday transactions. This will start at select locations and banks first. People of all age groups will be included in the retail project. Then based on their experiences, the features will be changed if needed.

#### Features of Digital Rupee

- CBDC will be the digital token of the country.
- It will make business transactions easy.
- Money transfers from smartphones will be quick and hassle-free.
- Digital Rupee will help get rid of the problem of fake currency.

### E-invoices must for businesses with over Rs 5 crore turnover a year

The GST e-invoicing will likely be mandatory for firms with a turnover of over Rs 5 crore from January 1, 2023, down from the current threshold of Rs 20 crore to further plug leakages, ensure better compliance and policy formulation, Central Board of Indirect Taxes chairman Vivek Johri told FE.

"I think expanding the coverage to over Rs 5 crore will give us very good data for policy making. We can analyse the data at the level of four-digit HS (Harmonised System) and get some sense of which are the sectors which are contributing more to the GST, which have higher potential but are not contributing enough," Johri told FE.

The tax authorities will also be able to better analyse the trends and availment of input tax credit across sectors and weed out fake ITC claims, which had emerged as a major issue for the government. Fake ITC worth over Rs 50,000 crore was detected in the past one-and-half years alone.

### **IMPORTANT NEWS**

e-invoice



E-invoicing for business-to-business (B2B) transactions started with a very high threshold from October 1, 2020, when firms with a turnover of over Rs 500 crore came under its ambit. In the second phase, businesses with a turnover exceeding Rs 100 crore were mandated to

issue e-invoices from January 1, 2021. In the third phase, firms with a turnover of over Rs 50 crore had to generate e-invoices from April 1, 2021. It has been extended to firms with a turnover between Rs 20 crore to Rs 50 crore from April 1, 2022.

The e-invoice has resulted in bringing in more taxpayers into the net which rose from about 1.25 crore in October 2020 to about 1.38 crore at present.

"Once one can construct all the returns based on e-invoices, the need for invoice matching itself goes away and yet have a foolproof system of return filing. So, that is a very big advantage. E-invoice will (eventually) become universal," Johri said.

These system reforms have played a big role in the recent surge in GST collections from an average of Rs 0.9 trillion in FY18 to Rs 1.23 trillion in FY22 and it may average Rs 1.4-1.5 trillion in FY23, giving some relief to states as a five-year guaranteed GST compensation for shortfall has ended on June 30.

One of the criticisms of GST after it was rolled out on July 1, 2017 was that the tax authorities have not been able to streamline the return filing process and were not able to do invoice matching between the buyer and supplier because of which there was a fear that there may be revenue leakages and non-compliance was going undetected.

"With an intent to widen the scope of e-invoicing and promote automation of GST returns, the government is planning to reduce the threshold of raising e-invoices from 20 crore 5 crore. This phased move may burden small enterprises, however, it would deter the generation of fake invoices, thereby leading to better tax compliance and collections," said Tanushree Roy, Director-Indirect Taxation, Nangia Andersen LLP.

The lowering of the threshold for e-invoicing would also significantly expand the number of GST registrants as the number of entities in the bracket of Rs 5 crore to Rs 20 crore would be very high, said MS Mani, Partner, Deloitte India. "This would help in expanding the base of taxpayers, which is one of the stated objectives of GST," Mani added.

## Spectacular opening ceremony signals the start of FIFA World Cup Qatar 2022™

Ecuador got off to a winning start against hosts Qatar in the tournament opener at Al Bayt Stadium as the FIFA World Cup Qatar 2022™ got underway after a stunning opening ceremony. A crowd of 67,372 attended the Group A encounter, with the South Americans winning 2-0 thanks to a brace by Enner Valencia. The match signaled the start of an exciting festival of football lasting 29 days, which will culminate with the final at Lusail Stadium on 18 December. Matches will be held in eight state-of-the-art stadiums as 32 nations battle it out to be crowned champions of the world



The 30-minute opening ceremony amazed the thousands in attendance and billions watching around the globe. Narrated by Academy Award-winning actor Morgan Freeman and featuring Jung Kook from Korean supergroup BTS, the ceremony showcased Qatari culture and heritage while highlighting football's ability to unite people from different countries and cultures. A host of special guests from Qatar took part in the ceremony, including Ghanim Al Muftah, Dana and Fahad Al Kubaisi – and they were joined by hundreds of performers and tournament volunteers. The ceremony featured eight distinct parts, culminating with giant jerseys from all 32 participating nations, every mascot in FIFA World Cup history, including the Qatar 2022 version La'eeb, and a huge inflatable emblem. Conceived as a joyous and contemporary one-of-a-kind spectacle with an important unifying message, the ceremony was produced by Executive Artistic Director, Ahmed Al Baker, CEO of Katara Studios, with support from Creative Director, Marco Balich, and Artistic Director, Anghela Alo.

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# ACETECH VISIT

The electric merchants association in collaboration with ACETECH, organized visit to one of the leading exhibitions ACETECH Mumbai, being held at NESCO Goregaon Mumbai from 9-11 Nov 2022.

EMA managing committee held various meetings and discussion with ACETECH team and arranged the privilege VIP Entry passes FREE of cost ( usually which costs Rs 500.00 + Food ) for members with lunch in dedicated VIP pavilion. We thank members for their encouraging response and almost 100+ members took



the advantage and visited exhibition with the members of managing committee.

EMA plans to arrange more such visit to various important exhibitions in future to gain knowledge and increase our business networking and contacts.







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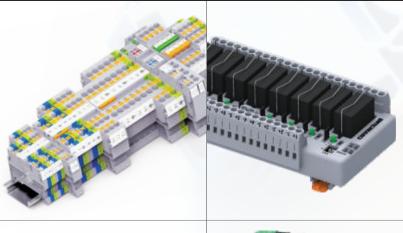
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### RELINQUISHMENT

One of our Member **M/S. S & S ENTERPRISES** 17/21, Picket Cross Road, 205, Kapol Bank Bldg., Lohar Chawl, Mumbai-400002 has informed us that their Employee, **MR. BABAJI** had left their Firm W.E.F. 07.11.022. Please note that **Mr. Babaji** does not represent the said Firm anymore. And no one should deal with him on behalf of **M/S. S & S Enterprises**.

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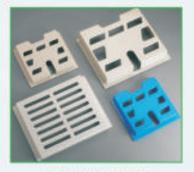
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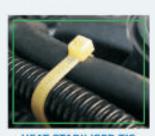
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