



Cross currents

OCTOBER, 2007

FOR PRIVATE CIRCULATION ONLY

Team **elmex** Wishes you and your Family
a Very Happy & Safe Diwali...



On the auspicious occasion of Diwali we would like to share with you some of our initiatives as corporate citizens.

Rain Water Harvesting at **elmex**

Rain Water Harvesting is a scientific method of conserving rain water.

Some years ago, **elmex** instituted a study for rain water harvesting for its plant at 12 GIDC Makarpura Estate, Baroda, which resulted in installation of Ground Water Recharge System during early 2005, by eco-friendly utilisation of rain water.

Such installations can reduce utility and process water demands of a factory on civic authorities and provide better quality water from bore-well in all seasons, besides helping to raise water-table in the area.

elmex system can recharge the ground-water at the rate of about 24 Lac litres per year, for an average rain fall of 1000mm at Baroda.

The existing bore-well water-quality has improved during last two years, since rain water recharge itself provides high quality water.

elmex Eye Bank

elmex Eye Bank & Shri Bhaichand M. Mehta Corneal Transplant Centre, established in 1996, is a non Profit Organisation. It is dedicated to the recovery, evaluation, preservation and distribution of eyes donated by humanitarian minded citizens for corneal transplantation, research and education and it endeavours to create awareness and motivate bereaved families.



The eye donations through the efforts of **elmex** Eye Bank have increased more than six fold during last ten years.

The **elmex** Eye Bank has emerged as a model eye bank in Gujarat and has been selected by ORBIS INTERNATIONAL and the Eye Bank Association of India, Hyderabad, for intensive training programme in Eye Banking and Corneal Transplanting.

For details on Eye Donation and Restoration of Vision contact :
MEDICAL CARE CENTRE TRUST, (ELMEX EYE BANK) VADODARA
 Phone : (0265) 2463906, 2462404, Email : kgphospital@yahoo.com
 Website : www.baroda.online.com/NGO/MCCT/html

EYE BANK ASSOCIATION OF INDIA, HYDERABAD
 Phone : (040) 23544504, 23545454, Email : ebai@vsnl.net, Website : www.ebai.org

ORBIS INDIA
 Phone : (011) 6960518/19, Fax : (011) 6567871, Email : general@orbisindia.org

ALL INDIA COMMON PHONE NO : 1919
 (being introduced for all cities, starting with metros)

CII - CLUSTER

CII-Cluster is a programme for training and implementation of continuous quality improvement techniques, organised by CII. The "Cluster" represents a group of 10 participating companies, entrusted to a counsellor from CII.

Such training and implementation programmes create continuous quality improvement culture among all working people of participating companies.

elmex-econix have taken initiative in participating in CII-Cluster programme. Similar in-house programmes were conducted at **elmex** in the past.

The CII-counsellor gives in-depth training to the persons sponsored by individual companies in different continuous quality improvement techniques. Implementation of these techniques by each participating company is given equal emphasis.

One of the outstanding features of the programme is sharing of mutual experiences and learning from each other.

elmex is one of the co-sponsors for **SWICON - 2008**, and is actively participating in Organising Committees.

SWICON - 2008

International Conference on Switchgear & Controlgear
 20-22 January, 2008, Mumbai - India.

SWICON Conferences are organised by IEEMA every four years, beginning from 1984. This year it is organised concurrently with ELECRAMA - 2008 during 20-22 January, 2008 at Mumbai. Swicon conferences have a wide and international attendance.

The theme of Swicon - 2008 is "Switchgear for Global needs" and it will deliberate on Emerging future trends, the State of Technology and International practices, and will provide a platform for sharing of global experiences.

RECENT ADDITIONS TO THE elmex RANGE



DPBB 50/70/120 : Feed-through type **Power (Busbar) Terminals**, in Polyamide 66 Housing, DIN Rail TS 32 or 35 mounted, respectively rated **150A/50 sq mm, 192 A/70**

sq mm and 269 A/120 sq mm. Flexible/Rigid Conductors are connected using **Fork/Ring Lugs**, secured by nut bolts, for both in and out termination (bolt-bolt design).

KULT4/6/1 : Feed-through type **Spring-loaded Terminal Blocks**, especially designed for higher vibration applications, rated **32A/4 sq mm, 41A/6 sq mm, 57A/10 sq mm** respectively, with Polyamide Housing and universal DIN Rail Mounting. **Hook-bladed Lugs** can be used with these designs for additional safety against accidental pull



KULTD4/6 : **Disconnecting Type Spring-loaded Terminal Blocks**, especially designed for the Control and Instrumentation industry. KULTD4 is with **hinged knife edge lever**, to facilitate circuit disconnection quickly without actually removing the wires. KULTD6 is with sliding link for disconnection for **CT secondary application**. Hook-bladed Lugs can be used with these terminals. They are rated **20A/4 sq mm and 32A/6 sq mm** respectively.

KUFH4 : **Fuse Terminals** rated **12A/4 sq mm** similar to type KUDF4 (discussed in the present issue), but for a **larger size fuse of 6.3 x 32 mm**. As in the case of KUDF4, **fuse-blown indication by LED** with the same range of signal voltages is also available.

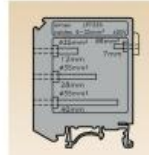


KUF10 : **Similar to KUDF4** for fuse sizes 5x20 mm and 5x25 mm, but with **higher connection capacity (rated cross section) of 10 sq mm.** LED with same range of control voltages can be provided for fuse-blown indication.



41A/6 sq mm, respectively.

DCT 2.5/4/6: Spring Clamp Terminals, (or Cage Clamp) are Universal DIN Rail Mounted, with Polyamide Housing, rated **24A/2.5 sq mm, 32A/4 sq mm** and



LPT 225/235/325/335 : **Lighting Pole Terminals**, available in two varieties **2 way & 3 way**, each having two ratings **101A/25 sq mm and 125A/35 sq mm.** They are with Polyamide Housing and suitable for universal DIN Rail Mounting. They efficiently **replace the older termination technology** used in wiring of **streetlights and roadlighting in large plants and colonies.**

CBT 100/300 : **Power Terminals** for high current applications with Melamine Housing, DIN Rail TS 32 mounted and rated **100A/35 sq mm, and 300A/120 sq mm** respectively. They accommodate conductors with **Ring/Fork Lugs** secured by two nut connections.



CST 70/185 : **High Current Terminals** in Melamine Housing. They are TS 32 DIN Rail Mounted with ratings of **192A/70 sq mm and 353A/185 sq mm** respectively. They are suitable for connecting **stranded/solid cables in screw-clamp, or flat conductors, or ring/fork cables**

by bolting.

KATM4/M5 : **Stud-Type Terminals** for universal Din Rail Mounting with Polyamide Housing, rated **57A/10sq mm and 76A/16sq mm** respectively. They are designed for **Ring/Fork Lugs** and secured by **screw connection.**



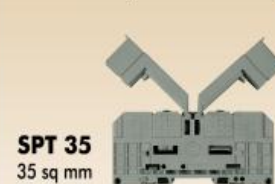
KBTM4/KBTM5 : These terminals have the same rating and size as for KATM4 and KATM5, but the **Ring/Fork Lugs are secured by a nut** instead of screw connection.

Stud type terminals (Shrouded)



KAT M4C
10 sq mm

Fully enclosed. Finger Safe Power (Bus Bar) Terminals



SPT 35
35 sq mm



SPT 70
70 sq mm



cross currents



elmex Screwless Termination Solutions : Compact Design for diverse applications...



SPRING CLAMP TERMINALS :

- ✓ DIN Rail and Panel Mounted Terminals
- ✓ Angular, Top and Side Entry Conductor options
- ✓ Fuse and Disconnect Terminals, 3 & 4 Conductor Terminals
- ✓ Equipped with Dual Jumper Slots for diverse bridging applications

elmex : The name you have come to trust

VISIT US AT

ELECRAMA-2008

Mumbai, January 18-22, 2008



Stall # H1 E56K86, Hall # 1

SWICON - 2008

International Conference on Switchgear & Controlgear

20-22 January, 2008, Mumbai - India

Organised by **IEEMA**

We welcome your suggestions and queries regarding our products and feedback about CROSS CURRENTS. Write to us at ask@elmex.net



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TECHNICAL SPECIFICATIONS MAY CHANGE IN LINE WITH TECHNICAL ADVANCES AND INDUSTRY STANDARDS.