



We wish you a very Happy and Prosperous New Year



cross currents

JANUARY, 2007

FOR PRIVATE CIRCULATION ONLY

econix SOLUTIONS
FOR AUTOMATION AND CONTROL INDUSTRY



At Mumbai

econix has further expanded its manufacturing range in the field of Automation and Controls with a variety of Automation-Products. Automation 2006 (Mumbai, Oct '06) and Rajkot Machine Tools Show - 2006 (Rajkot, Gujarat Nov-06) were some of the recent platforms that **elmex-econix** have utilized to exhibit these products. Present issue gives a glimpse of these exhibits in our stalls, for those of our readers who could not visit the stalls.



econix is equipped with the required expertise in design and development, manufacturing and quality control and maintains the quality of both the design and the manufacturing (thanks to the **ISO-9000 Quality Management System Certification**), so that the Automation and Controls industry can get the latest, state-of-the-art, automation products. **Most importantly, econix can also cater for your own specific requirements** of customized Automation Products.



At Rajkot

A GLIMPSE OF econix AUTOMATION PRODUCTS

A - CUSTOMIZED INTERFACE SOLUTIONS :

A range of customized products like high speed switching modules, utility modules for panels, customized relay logic modules : Economic solutions for system-optimization.

B - RELAY INTERFACE MODULES:

A range of 1, 2, 4, 6, 8, 16 channels and single, double and four changeover modules...

C - PASSIVE INTERFACE MODULES

A range of standard passive interface modules with reliable terminations casting for IDC and D-Sub connections, with matrix facilities.

D - CNC - SPECIFIC INTERFACE SOLUTIONS :

Solutions for interfacing utilities to various CNC Controllers like Siemens Sinumerik 802, Fancu Oi Controllers, Twido Controllers, Powermate Controllers, with various options like S & R, in place of electromechanical relays.

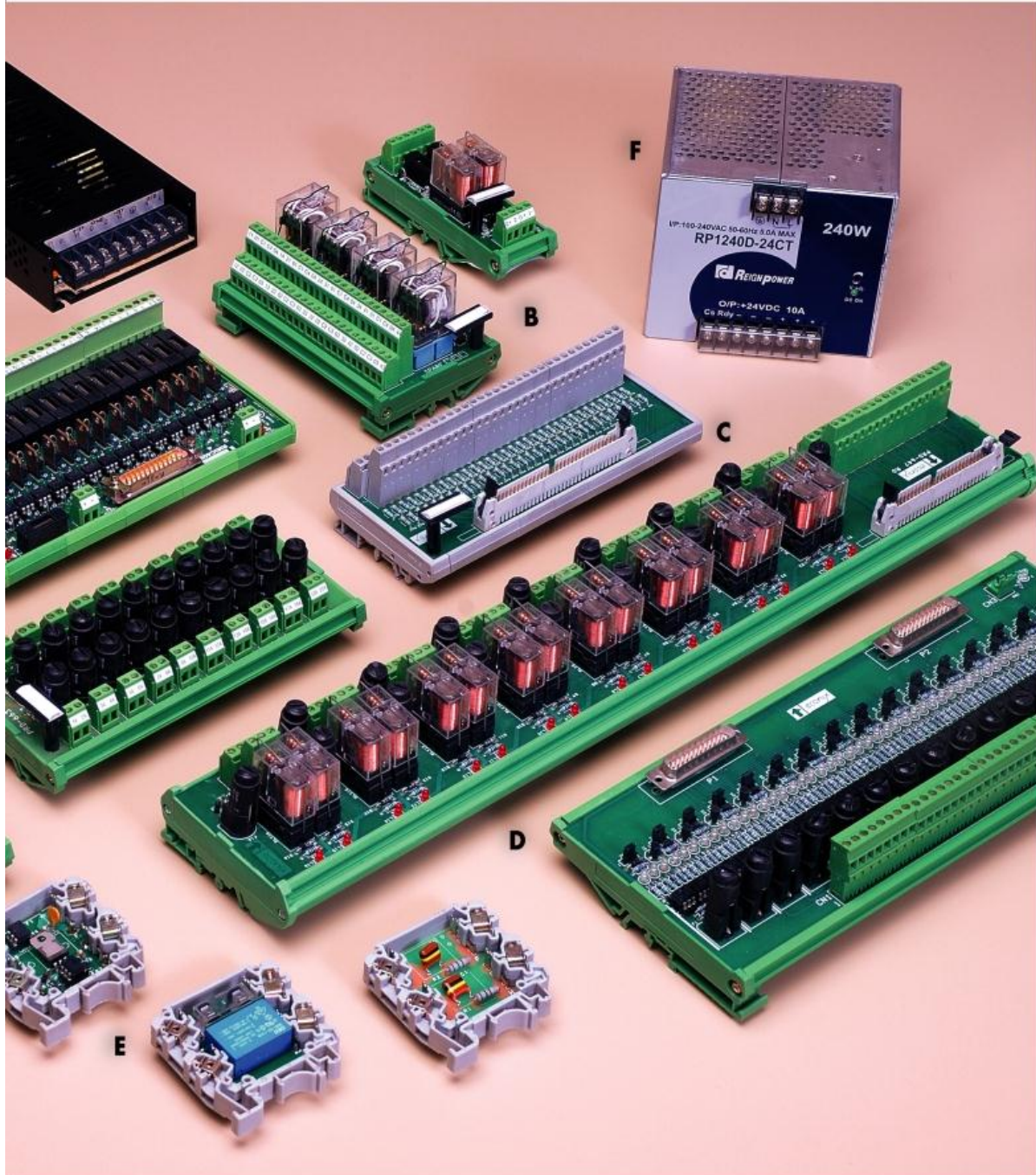
E - COMPACT CONTROL ELEMENTS ON DIN RAILS

Recently launched (Cross Currents: April - 06), Termitronics is a highly innovative and greatly accepted product in the field of automation. It is a terminal block having 8 terminals which can house a variety of control elements within.

F - SMPS ON DIN RAILS

A Range of highly reliable, UL - approved and Din Rail mounted SMPS which satisfies almost all of the customer's requirements of ratings of a stabilized power supply, and in addition, **econix** SMPS comes with a variety of built in protections.







econix SPDs : SURGE PROTECTIVE DEVICES

Protection of low voltage equipment against voltage surges becomes critical for modern surge-sensitive equipment like computers, controllers and automation systems, where power frequency over voltage protection, or voltage stabilization alone, is no longer considered sufficient.

econix has recently launched "ECTRATECH" series of Din Rail Mounted Surge Protective Devices, for protection of low voltage electrical systems against surges in TT, TN and IT electrical topologies.


























The letters TT/TN/IT etc, according to International Standards, stand for various conditions of earthing at the source of power and at the electrical equipment. econix SPDs are rated 350 to 550 V, 60 to 150 KA maximum impulse discharge current I_{max} and have a response time of less than 25 nano-seconds.

For more information on SPDs or for your requirements of SPDs, please get in touch with us at bhairavjoshi@elmex.net



OUR PRODUCT RANGE

♥ Insulation Housings in Melamine, Polyamide (Nylon) 6.6, FRPP ♥ Conductor Clamping with Screw Clamps (MS & Brass), Spring Clamps, Bolted Connection, Anti-Vibration Spring-loaded Clamps ♥ Mounting on Standard DIN-rails TS 35, TS 32 and TS 15

| | | | | |
|---|---|--|---|--|
| Feed-through Terminals  | Micro Terminals  | Power (Bus Bar) Terminals  | High Current Terminals  | Fully Enclosed High Current Terminals  |
| Double Deck Terminals  | Triple Deck Terminals  | Disconnecting Type Terminals  | Fuse Disconnection Terminal  | Fuse Feed Through Terminals  |
| Spring Clamp Terminals  | All Brass Terminals  | Plug & Socket type Terminals  | Special Application Terminals (C.T.-Sec.)  | Distribution Blocks  |
| Stud type Terminals  | Spring Loaded Terminals  | Lighting Pole Terminals  | Earth Terminals  | Special Application Switches  |
| Plug-in type PCB Connectors  | Low Consumption Relay Modules  | Switching Mode Power Supplies (SMPS)  | Termitronics with Control Elements  | Surge Protecting Devices  |

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



Elmex Controls Pvt. Ltd.
Econix Hi-Tech Components Pvt. Ltd.

12 GIDC Estate, Makarpura Road, Vadodara 390 010, India
Telephones : +91-265-2642021, 2642023 ♦ Facsimile : +91-265-2638646
e-mail : marketing@elmex.net ♦ URL : www.elmex.net



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