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FEBRUARY, 2006

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INNOVATIVE SOLUTIONS FOR AUTOMATION & CONTROL INDUSTRY FROM ELMEX & ECONIX!

Part II - elmex



TERMINAL BLOCKS WITH ELECTRONIC CONTROL ELEMENTS

Integrating **elmex** and **econix** expertise, we can now supply, **FOR THE FIRST TIME IN INDIA** Electronic Control Elements (**econix**) neatly housed in Universal DIN-rail mounted **Terminal Blocks type KCH (elmex)**. These innovative solutions for automation offer

simplicity and flexibility in design and application of specific electronic control circuits. We present a glimpse of some of these new products here. For details please await our **forthcoming issue** or e-mail your interest to us at ask@elmex.net.

KCH WITH SOLID STATE RELAY



KCH WITH OPTO ISOLATOR



KCH WITH TWO WAY FUSE



KCH WITH ENCODER



elmex - econix at elecrama 2006

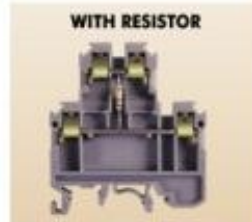


View of our stall at ELECRAMA 2006

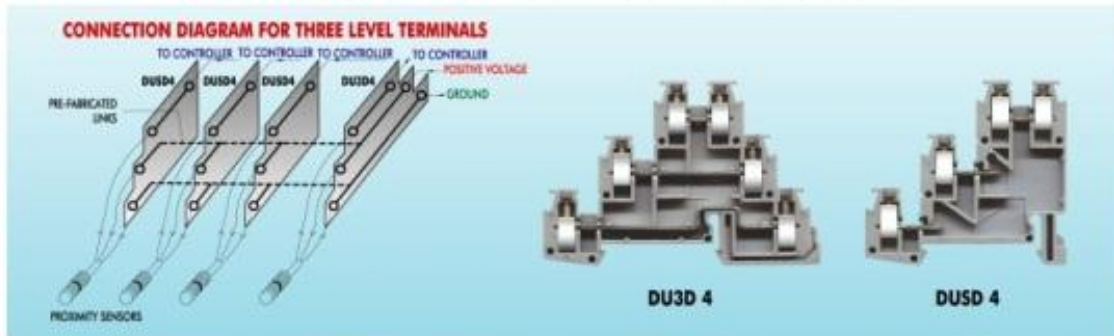
elmex COMPONENT HOUSING TERMINAL BLOCKS

Din Rail Mounted Double-deck Terminal Blocks **KUDD4**, **KU2D4** house simple **electronic components** and offer **flexibility of additions/alterations** even during service, save space and **cost of**

separate electronic circuits. They are used in **PLC, DCS, Machine-tools** and such other applications.



elmex TRIPLE DECK TERMINALS **DU3D4**, **DUSD4** FOR MULTIPLE SENSOR CONTROL

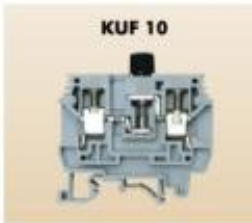


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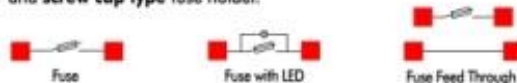
Double-deck terminals

Double-deck terminal with Internally shorted link **KU2D4S** is a special design. It facilitates **1 - input + 3 - output** configuration on a double-deck terminal block. **Useful in signal distribution.**

elmex FUSE TERMINALS & FUSE FEED THROUGH TERMINALS

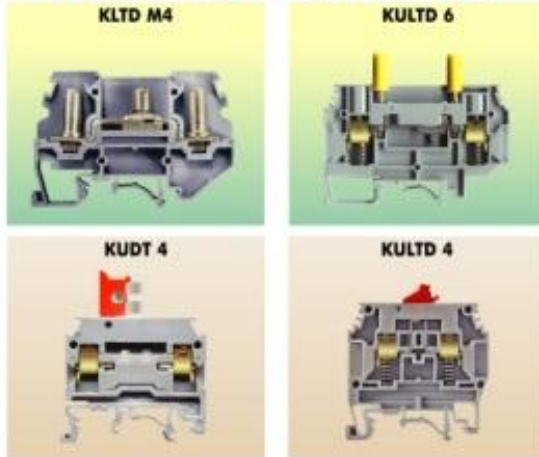


5 x 20 or 5 x 25 mm Glass cartridge fuses are mounted on hinged levers of the terminal blocks. They offer **space and cost savings**, facilitate **locating of fault quickly**. Available with **LED** for fuse-blown indication for standard voltages: **24, 48, 110, 220 V DC** and **110, 220 V AC**. **KUDDF 4** and **KUFH 4** are with 4 sq mm connection capacity. **KUF 10** is with 10 sq mm connection capacity and **screw cap type** fuse holder.



Double-deck terminal block with hinged lever fuse for upper deck and feed through terminal for lower deck. **It has thickness of one terminal but works as two terminals**, thus, offering space & cost saving. Available with/without **LED for fuse-blown indication** for various AC/DC voltages, as for fuse terminals.

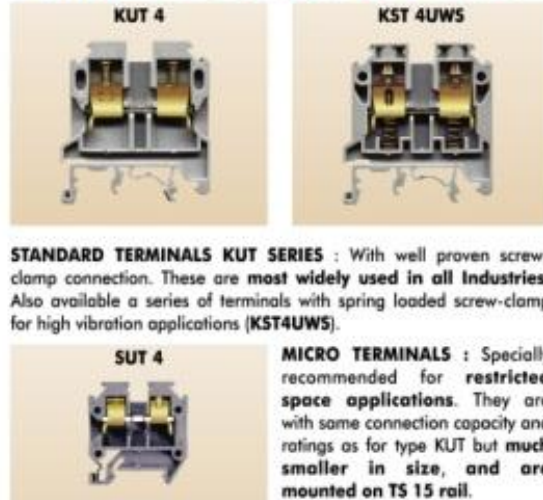
elmex DISCONNECT TERMINALS



Using internally slideable shorting link, adjacent terminals can be shorted in **KLTD M4** and **KULTD6** terminal blocks. **Spring loaded** screw clamps serves well for **high vibration applications**. These are especially recommended for **SCADA - applications**.

KUDT4 is with a **hinged knife-edge lever** which can be pushed open for circuit disconnection **without wire-removal**. Used for circuit isolation, or fault simulation by disconnection, especially in instrumentation & controls application. Type **KULTD4** has spring-loaded screw-clamp especially suitable for **high-vibration applications**.

elmex FEED THROUGH TERMINALS



STANDARD TERMINALS KUT SERIES : With well proven screw-clamp connection. These are **most widely used in all industries**. Also available a series of terminals with spring loaded screw-clamp for high vibration applications (**KST4UW5**).

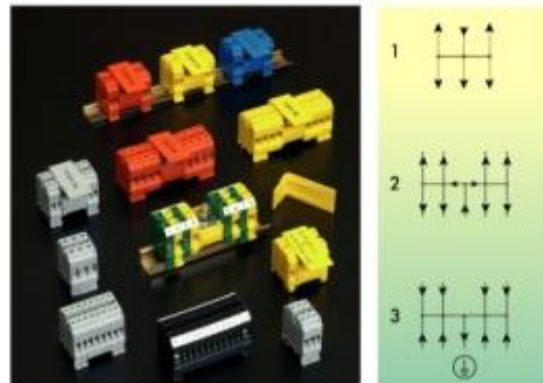
MICRO TERMINALS : Specially recommended for **restricted space applications**. They are with same connection capacity and ratings as for type KUT but **much smaller in size, and are mounted on TS 15 rail**.

ALL BRASS TERMINALS "U" SERIES : Screw Clamp design with all Brass construction as preferred by some users/consultants. **Many varieties** are available such as **double deck, fuse terminal, twin terminal etc.**



SPRING CLAMP TERMINALS : Alternative to screw clamp design for small conductor terminations as preferred by some users/consultants in **specific applications**. Saves wiring time.

DISTRIBUTION BLOCKS : They are used for distributing control signals (1), control supply (2) and also as centralised earthing (3).



ELMEX EXPORTS

Since the last few years, Elmex products have found a steady and growing demand in the global marketplace. As an **ISO 9001-2000** company, with products conforming to **UL, CSA, IEC, & IS** Standards, we have already made our mark in **USA, Malaysia, New Zealand** and a number of countries in **Africa, Europe** and the **Middle East**.



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elmex will be displaying a whole new range of innovative products at the forthcoming international exhibitions - **Middle East Electricity** to be held in Dubai from February 5 to 8, 2006 and **Hannover Messe** to be held in Hannover, Germany from April 24 to 28, 2006.



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 	Distribution Blocks 
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.) 	Component Housing Terminals 
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) 	Digital Signal Processing Transducers 	Surge Protecting Devices 



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