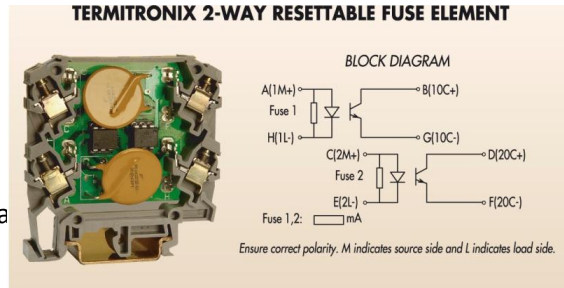


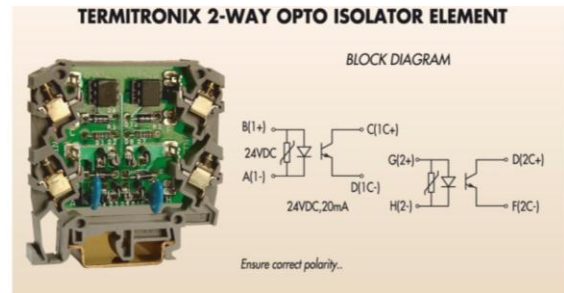
***elmex* Termitronix 2-way Resettable Fuse Element**

- This control element, functions like two fuses for two independent circuit protection
- 2-way resettable type fuse elements, with automatic resetting feature (needs no fuse replacement)
- Output; open collector output, rated upto 48 VDC with external pull ups, compatible with resistive and inductive loads. Output is optical
- Comes with inbuilt surge protection and reverse polarity protection
- Rated Bus Voltage: 24,48,110,220 V AC DC
- Rated Bus Currents: 25,50 mA & 5A DC
- Fault recording feature is possible with suitable external software for control of fuse resetting
- Mounting on Universal DIN rails TS32, TS35



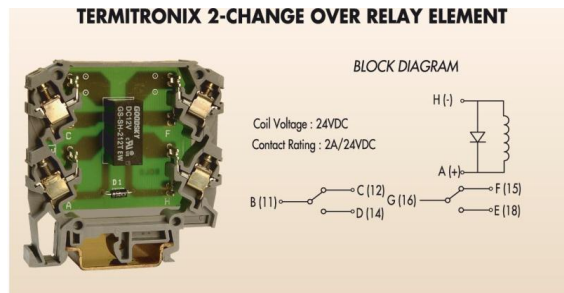
***elmex* Termitronix 2-way Opto Isolator Element**

- Used for optical isolation between controller and field equipment
- Used particularly for high frequency-low current switching
- Can drive resistive and inductive loads upto 25mA
- Comes with inbuilt surge protection and reverse polarity protection
- Rated input: 24,48,110,220 V AC, DC
- Rated output: 5 to 48 V DC, 25 mA
- Mounting on Universal DIN rails TS32, TS35



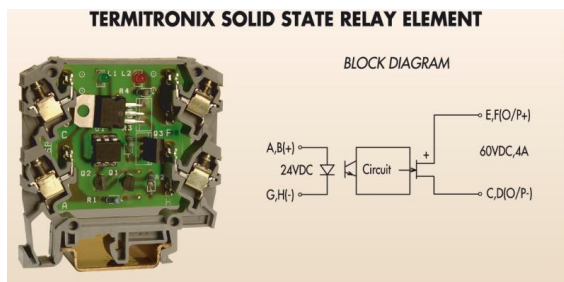
***elmex* Termitronix 2-Change Over Relay Element**

- Provides input and output interface to PLC/CNC
- Provides output interface to many computer systems in Control & Automation Industry
- Can drive field loads upto 5 Amp, using 2-change over relays
- The relays are hermetically sealed with miniature but robust contacts having minimum contact Bounce
- Rated coil Voltage: 12,24 V DC
- Coils: 260 Ohms (12V), 110 Ohms (24V)
- Contacts rated for continuous rating of 5A
- Mounting on Universal DIN rails TS32, TS35



***elmex* Termitronix Solid State Relay Element**

- Provides Potential Separation between Field Signals and Control Signals
- Widely used in DC Drives, Stepper Motor Drives and High Frequency Switching applications
- OPTO isolation of 2500 VAC
- Built in Diode Protection, Reverse Polarity Protection
- Contact Bounce: Zero
- Rated Input: 3 to 32 VDC
- Low actuation current
- Compatible with TTL/CMOS logic
- Mounting on Universal DIN rails TS32, TS35



**elmex Termitronix Encoder Element**

-Output from field is often in the form of high frequency pulses, generally not acceptable to many controllers. elmex-econix have developed an Encoder element which receives, at its input, high frequency pulse from field and provides square pulse, at its output, acceptable to controllers.

The elmex Termitronix Encoder Element has several unique features:

- Provides Optical Isolation between input and output
- Provides control over break-even voltage
- Compatible with all high frequency outputs from field
- Clamped output of the Encoder element for full compatibility with controllers
- Configurable with zero-crossing circuit for controlling threshold voltage
- Offers very low burden to field devices due to high input impedance of Encoder element.

The illustrations of MOV Modules and RC Snubber Circuit indicate that elmex can develop various other control elements based on customer needs. Compact size of Termitronix terminals is one of the major attractive features for the control circuit designers, application engineers and users. Coupled with modular concept of control circuit design, the Termitronix range offers a major advantage in design, applications, service and repair-maintenance relative to traditional control circuits.

