



Timer Logic Board



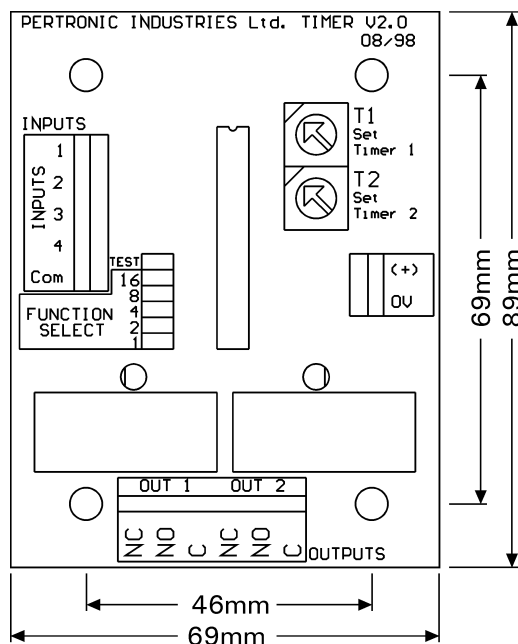
Description

Pertronic Industries **Pertronic Timer Logic Board (TLB)** allows timing and logic functions to be carried out by a fire alarm control unit. The **TLB** can carry out thirty-two different timing or logic functions by selecting the desired function through configuration links. Features include four trigger inputs, two period-select rotary switches, two output relays, and five links for function selection.

Specification

- PCB Dimensions: 90H x 70W (mm).
- Power Supply: 12Vdc or 24Vdc.
Quiescent current: 5 mA.
Relay load: 24 mA per relay (12V)
12 mA per relay (24V)
- Relay Output: no/nc/c clean contacts available for each relay.
Contact rating is 5 A (24V dc).
- Timer Period: 2 independent periods selectable by two ten-position rotary switches.
- Trigger Inputs: 4 independent timer trigger or logic inputs.
Triggered when the input voltage is < 2.6V or > 4.5V (Maximum 30V, minimum -5V).
Operated by:
shorting the input to the common terminal (0V) using a relay contact, an optical isolator, transistor or similar pulldown below 2.6V.
applying a voltage greater than 4.5V.
- Functions: One of 32 functions may be selected through 5 configuration links.
Customized timing options are available on request.

PCB Mounting and Dimensions

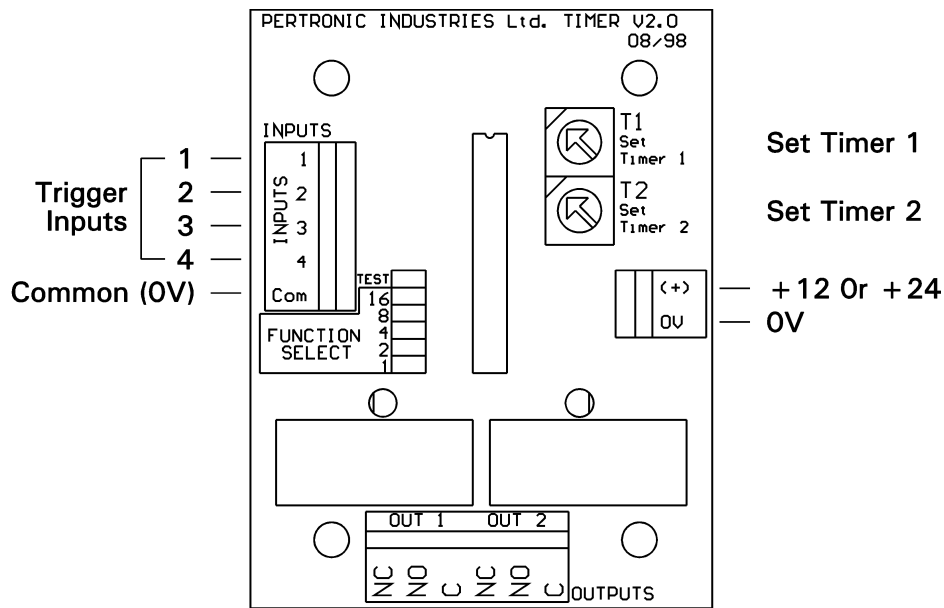


Firetronix and Pertronic are registered trademarks of Pertronic Industries Ltd

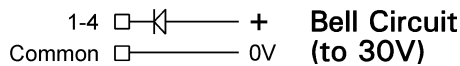
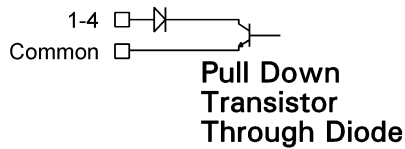
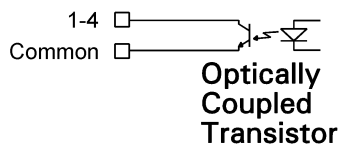
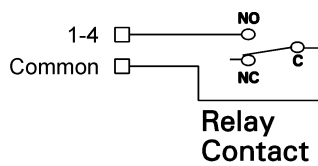
PERTRONIC INDUSTRIES LTD
20 Eastern Hutt Road, Wingate, Lower Hutt
P.O. Box 35-063, Wellington, New Zealand

Telephone: (64) 4 567 3229
Fax: (64) 4 567 3644
email: sales@pertronic.co.nz

Connection Diagram:



Typical Trigger Input Methods:



Firetronix and Pertronic are registered trademarks of Pertronic Industries Ltd

PERTRONIC INDUSTRIES LTD
 20 Eastern Hutt Road, Wingate, Lower Hutt
 P.O. Box 35-063, Wellington, New Zealand

Telephone: (64) 4 567 3229
 Fax: (64) 4 567 3644
 email: sales@pertronic.co.nz