

Head Office

Wellington

PO Box 35-063
Naenae
Lower Hutt 5041
17 Eastern Hutt Rd
Wingate
Lower Hutt 5019
Tel (04) 567-3229
Fax (04) 567-3644

www.pertronic.co.nz

sales@pertronic.co.nz
tech@pertronic.co.nz

Auckland Office

PO Box 15-867
New Lynn
Auckland 0640
359 Onehunga
Mall
Onehunga
Auckland 1061
Tel (09) 633-0226
Fax (09) 633-0228

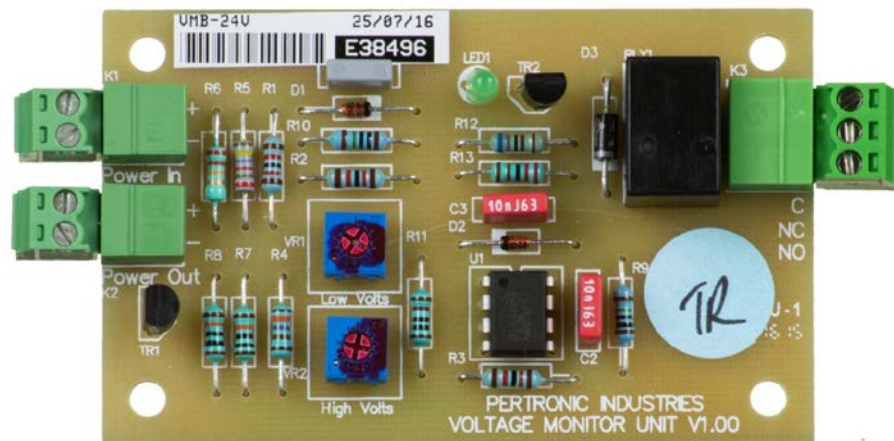
Product Overview

Pertronic produces two kinds of Voltage Monitor Boards for monitoring power supply chargers. These products are designed for use with power supplies obtained from other suppliers.

The voltage monitor board has a relay for signalling a fault condition to a fire alarm control panel. The relay is normally energised and deactivated if the power supply voltage goes outside the normal range.

An LED on the voltage monitor board lights up if the voltage is within the normal range.

The **VMB-12V** is designed for use in 12 volt (nominal) systems. The **VMB-24V** is for use in 24 volt systems.



Voltage Monitor Board (VMB-24V)

Features:

- ▶ Voltage monitoring for power supplies
- ▶ Generates a fault indication on high or low voltage
- ▶ Indicator LED goes out if voltage goes outside normal range
- ▶ Defect relay (form C normally activated) provides remote fault indication

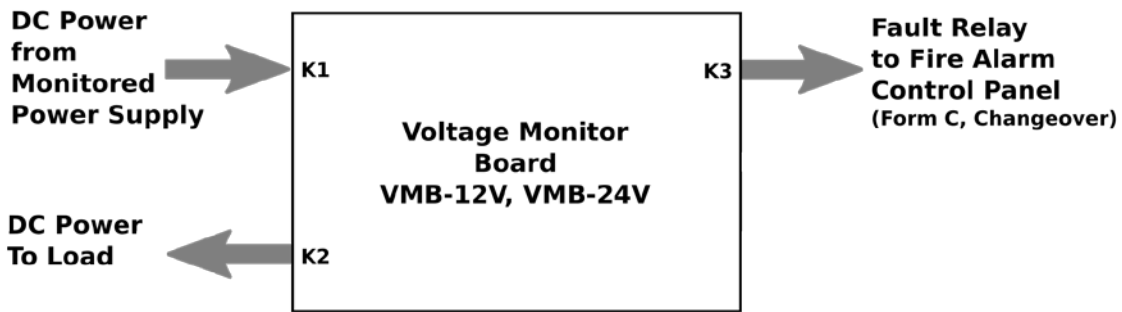


Certificate No:
205487-2016-
AQ-AUS-JAS-ANZ

Specifications:

	VMB-24V	VMB-12V
▶ Normal Voltage Range	24 Vdc to 28 Vdc	12 Vdc to 14 Vdc
▶ High Voltage Threshold	28 Vdc	14 Vdc
▶ Low Voltage Threshold	24 Vdc	12 Vdc
▶ Input Voltage (K1)	24 Vdc nominal	12 Vdc nominal
▶ Output Voltage (K2)	24 Vdc	12 Vdc
▶ Defect Relay Contacts (K3)	1 A 30 Vdc (resistive) change over (form C)	
▶ PCB Dimensions	97 x 48 x 13 (L x W x D mm)	

Connection Diagram:



Ordering Information:		
Product Code	Description	NZFPA Listing No:
VMB-24V	Voltage Monitor Board 24 volt	
VMB-12V	Voltage Monitor Board 12 volt	

PERTRONIC INDUSTRIES LTD

Head Office:

17 Eastern Hutt Rd, Wingate, Lower Hutt 5019
 Telephone (04) 567-3229 Fax (04) 567-3644

www.pertronic.co.nz

sales@pertronic.co.nz
 tech@pertronic.co.nz

Auckland Office:

359 Onehunga Mall, Onehunga, Auckland 1061
 Telephone (09) 633-0226 Fax (09) 633-0228

'Pertronic' and 'Firetronix' are registered trademarks of Pertronic Industries Ltd