



500V

IEC348

MTL7

VI-13700/G

VI-16200

PU2/4 Proving Unit

Product features

- 500V nominal open-circuit voltage, high frequency pulsating D.C. 4KHz nominal
- employs the principle of switched stored energy transfer
- neon type indicator
- combined battery check and output indicator
- user replaceable batteries
- moulded ABS case

Application

The VI-13700/G and VI-16200 are proved healthy if the full complement of neon lamps in the testing device illuminates when applied to the PU2/4, transposing the Testing Device to verify all indicating elements illuminate. The filament lamp type MTL7 voltage indicating device is proved healthy if the lamp filament glows when applied to the Proving Unit.

When the probe ends of the testing device are inserted into the AC/DC output sockets an oscillating step-up transformer feeds energy from the battery to the load. The low battery voltage is switched on and off at a fast rate and transformed up to provide the required high voltage impulses necessary to fully illuminate all the neon lamps within the testing devices.