

School Bell Power Supply

Pertronic Industries **Pertronic School Bell Power Supply** is designed to give a 24 volt battery backed DC supply for school bell and similar applications.

The unit uses an efficient switched mode power supply to float charge sealed lead acid batteries. The charge voltage is accurate and stable thus ensuring a long battery life.

The **School Bell Power Supply** has a selectable three or four wire bell circuit for wiring to existing or new bell circuits. The bell circuit can be activated from a time switch or manual call point input, or from the bell test switch located on the front panel.

Features:

- Constant voltage switch mode power supply with a 2 amp output for rapid battery recharging; incorporating overload protection and reverse polarity protection. Accurate, temperature compensated output voltage for maximum battery life.
- Lockable cabinet.
- Integral mains switch.
- Integral bell test switch.
- Three-wire or four-wire output wiring option.
- Time switch / manual call point input.

Specification:

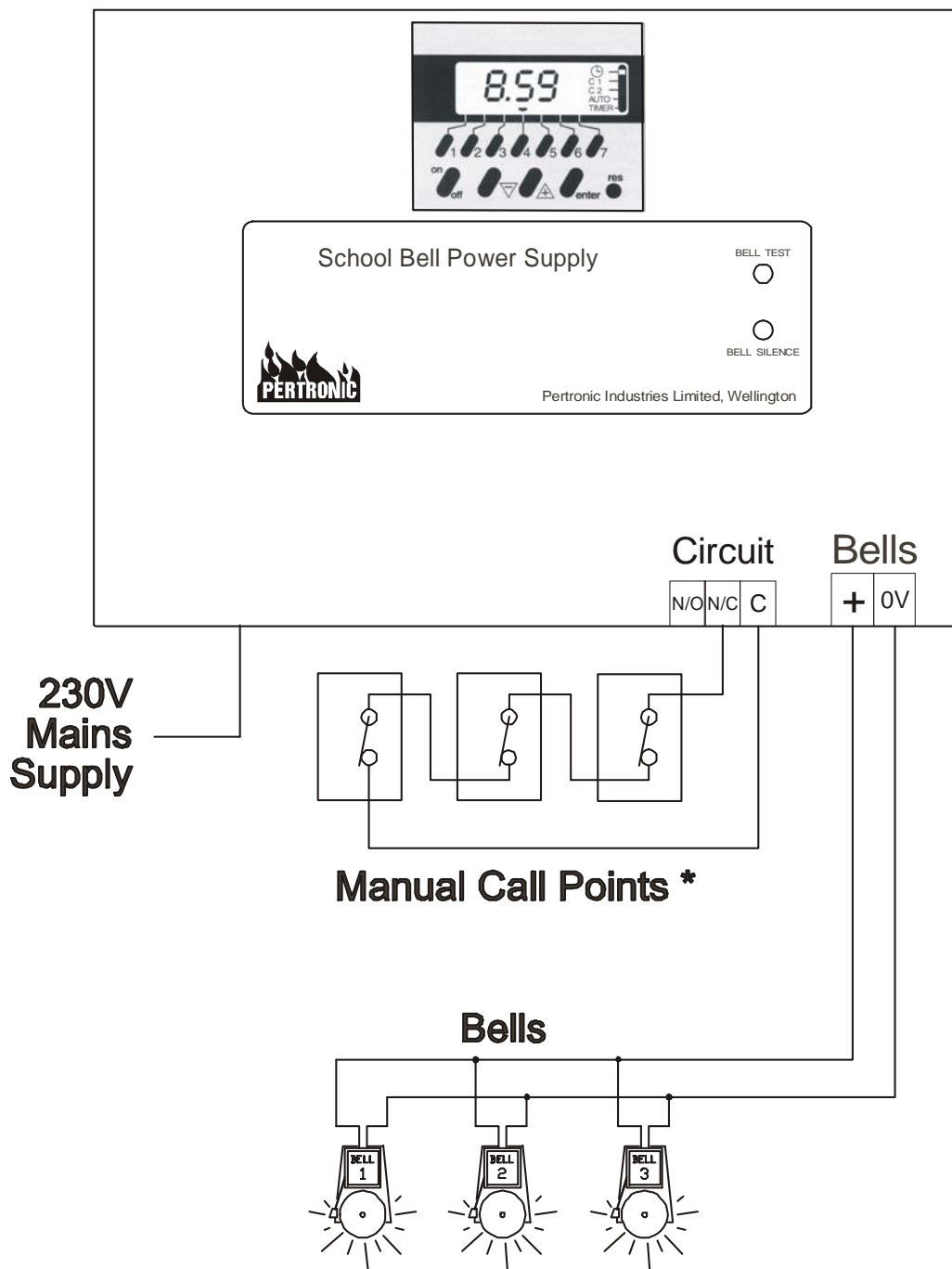
- Cabinet: dimensions 315H x 450W x 180D (mm); weight (excluding battery) 8Kg; material 1.2mm mild steel, powder coated 'off-white'.
- Power Supply: 220 - 230V ac, 50Hz, 60W.
- Charger: 27.4 volt, 2 ampere, switched mode type.
- Battery Options:
 - 1) 24 volt, 15 ampere-hour rechargeable sealed lead acid batteries for 15 amp bell loads.
 - 2) 24 volt, 24 ampere-hour rechargeable sealed lead acid batteries for 24 amp bell loads.
 - 3) 24 volt, 38 ampere-hour rechargeable sealed lead acid batteries for 38 amp bell loads.
- Battery life: Typically 5 years.
- One time-switch and/or manual call point input.
- Bell Relay: 1 contact switching 24 volts, 30 amps maximum.



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

Telephone: (04) 567 3229
Fax: (04) 567 3644
email: sales@pertronic.co.nz



* Other wiring options available as per installation documentation.

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