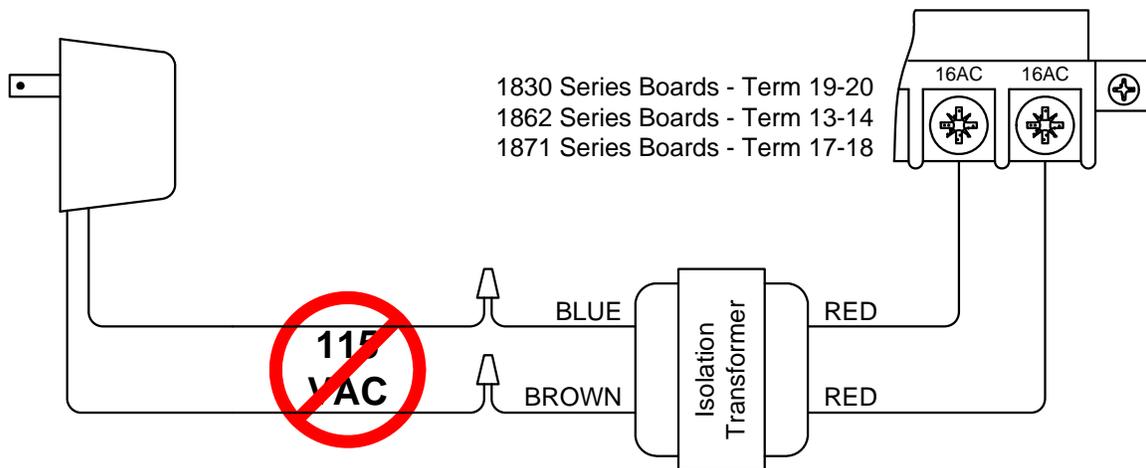




## Wiring Instructions for Isolation Transformers

Isolation Transformers can help isolate problems in the low voltage wire runs and will help prevent noise and hum in the telephone entry system. The Isolation Transformer should be mounted as close as possible to the entry system, inside the case if possible. If it cannot be mounted inside the entry system housing, mount it as close as possible to the entry system in a water tight enclosure.

- This is a LOW VOLTAGE transformer. DO NOT connect 115 VAC to the transformer.
- Connect the output wires from the Low Voltage power transformer to the Primary leads (BLUE and BROWN) of the Isolation Transformer using wire nuts.
- Connect the Secondary leads (RED) to the power terminals of the telephone entry system.
  - For 1830 Series circuit boards (1833, 1834, 1835, 1837, 1838 systems), these are terminals 19 and 20.
  - For 1862 Series circuit boards (1802, 1802-EPD, 1803, 1808, 1810 systems), these are terminals 13 and 14.
  - For 1871 Series circuit boards (1812), these are terminals 17 and 18.



P/N	PWR IN / PWR OUT	USE ON
1830-140	16 VAC / 16 AVC	1802, 1803, 1808 1810, 1833, 1838
1830-141	24 VAC / 24 AVC	1812
1830-142	16 VAC / 16 AVC	1834, 1835, 1837