

Field Wiring

All field wiring connections to these blocks are standard screw, clamp-type terminals which can be operated with a flat or phillips-head screwdriver. Each terminal accepts one AWG #12 or two AWG #14 wires. The minimum recommended wire size is AWG #22. The terminals can accommodate spade or ring terminals up to 0.27 inch (6.85 mm) in width with a minimum opening for a #6 screw, and up to 0.20 inch (5.1 mm) depth from the screw center to the back barrier.

Power Connections

Up to five separate power sources can be connected to the Terminal Assembly. Circuit power and block power do not have to be the same type. Block power may be DC while circuit power is AC, or the reverse. Isolation is rated to withstand 250 volts AC or DC continuous between any group and ground, or between any two groups.

For block power, connect a 115 volt AC or 125 VDC source to the top H terminal (5). Connect neutral to the N terminal (6). All H terminals are internally bussed, as are all N terminals.

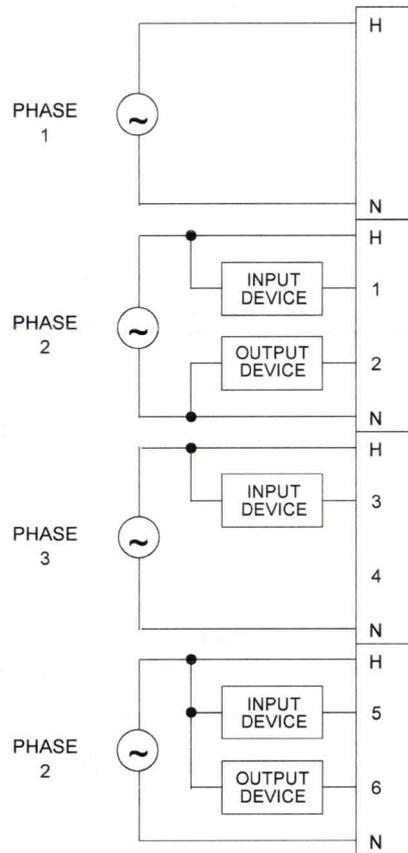
Circuit Power

Each circuit pair can have its own power supply. All circuits on an Isolated block must use either AC or DC power.

If circuit power is AC, both circuits of a pair must be wired to the same AC phase. However, different pairs of circuits can be wired to different AC phases.

Caution

If separate AC power is used for any group of circuits on a block, all power connections within the group must be wired to that same 120 VAC source.



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