



## Isolated Power Panel

3 kVA | 5 kVA | 7.5 kVA | 10 kVA | 15 kVA

### Features

- Easy to access services
- Up to 18 circuits
- Quiet, heat-shield panel design

### Specifications

Class 1 IPC wall-mount Isolated Power Center, factory assembled, and tested in compliance with the Canadian Electrical Code and CSA Z32.1, and CSA Special Inspection approved.

**Transformer:** Hammond single phase Hospital isolation transformer complete with electrostatic shielding between the primary and secondary windings.

**Breaker Panel:** Square D 2-pole breakers. Number of circuits to be as indicated on the detail drawings. Square D 2-pole main breaker sized per detail drawings.

**Line Isolation Monitor:** Schneider ISO-GARD IG6 digital line isolation monitor (LIM) complete with: Green SAFE, yellow ALARM SILENCED, and red HAZARD LEDs, digital hazard meter, LED bar graph hazard indicator, Test and Silence buttons, and Infrared Serial Port for data transmission to a Palm, Pocket, or Laptop PC. Audible alarm to feature high, low and off settings. LIM shall use digital signal processing and shall self calibrate every 65 minutes. LIM to be accurate to 5% or better and contribute < 50  $\mu$ A hazard current. LIM to alarm and display a unique error code if internal components are 30% or more outside of original specifications. LIM to measure all combinations of capacitive and resistive faults including balanced, unbalanced and hybrid faults. LIM to alarm at setpoint of 2 mA total hazard current or on loss of ground conditions. Terminal board assembly to include NO and NC dry contacts and 12V supply for connection to remote alarm devices.

**Reference Ground:** Copper ground bus complete with 16 1/4"-20 screw terminals.

**Enclosure(s):** Fabricated 12 ga. galvanized steel backbox complete with interior barriers and raceways to separate the transformer, breaker panel, LIM, and wiring of different powers. A variety of convenient top-mounted knockouts for site connection of electrical conduit. Four adjustable side-mounted brackets for mounting to steel studs. Transformer to be fastened to anti-vibration mounts.



Front trim to be seamless 14 ga. 304 stainless steel with brushed finish, complete with lockable, hinged, full-access breaker compartment door. Trim to be complete with foil-backed bitumous heat and sound dampening backing in the transformer compartment.

[Optional]: \*Front trim to be complete with 1" deep radius return to facilitate mounting into standard 4" stud wall.

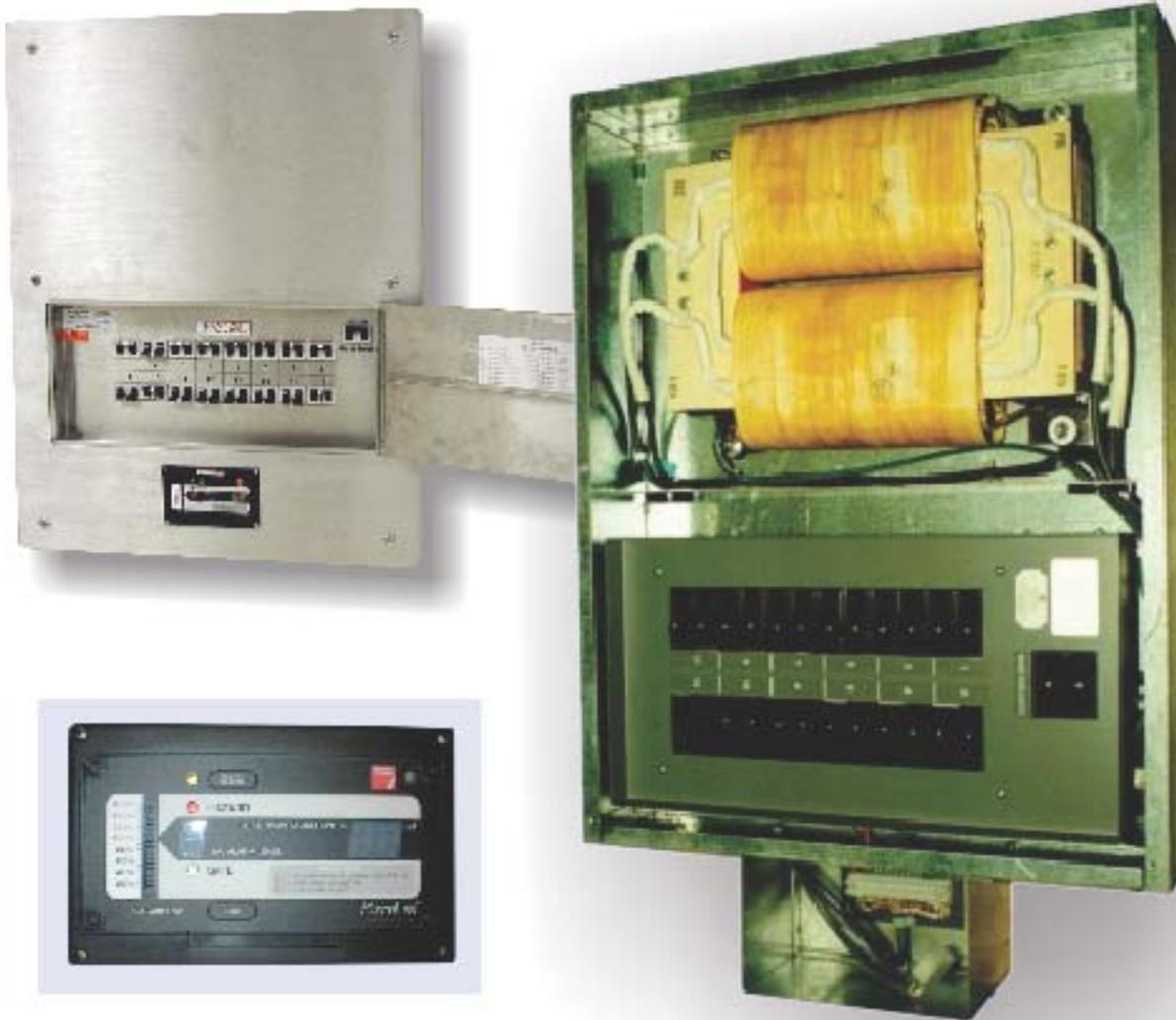
\* Louvered Door

\*Available Flush or Surface Mount



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### Ordering Information

**IPC - AAABBBCC - DD**

Primary Voltage (V)	Transformer (kVA)	Circuits (#)	Main Breaker (A)
120	3.0	12	30
208	5.0	14	50
(OTHER)	7.5	16	60
	10	18	70
	15		(OTHER)

Note: This product sheet applies only to single-phase, 60 Hz systems, complete with 120V 15A secondary circuits.  
For all other applications, please contact your Class 1 representative or authorized dealer.



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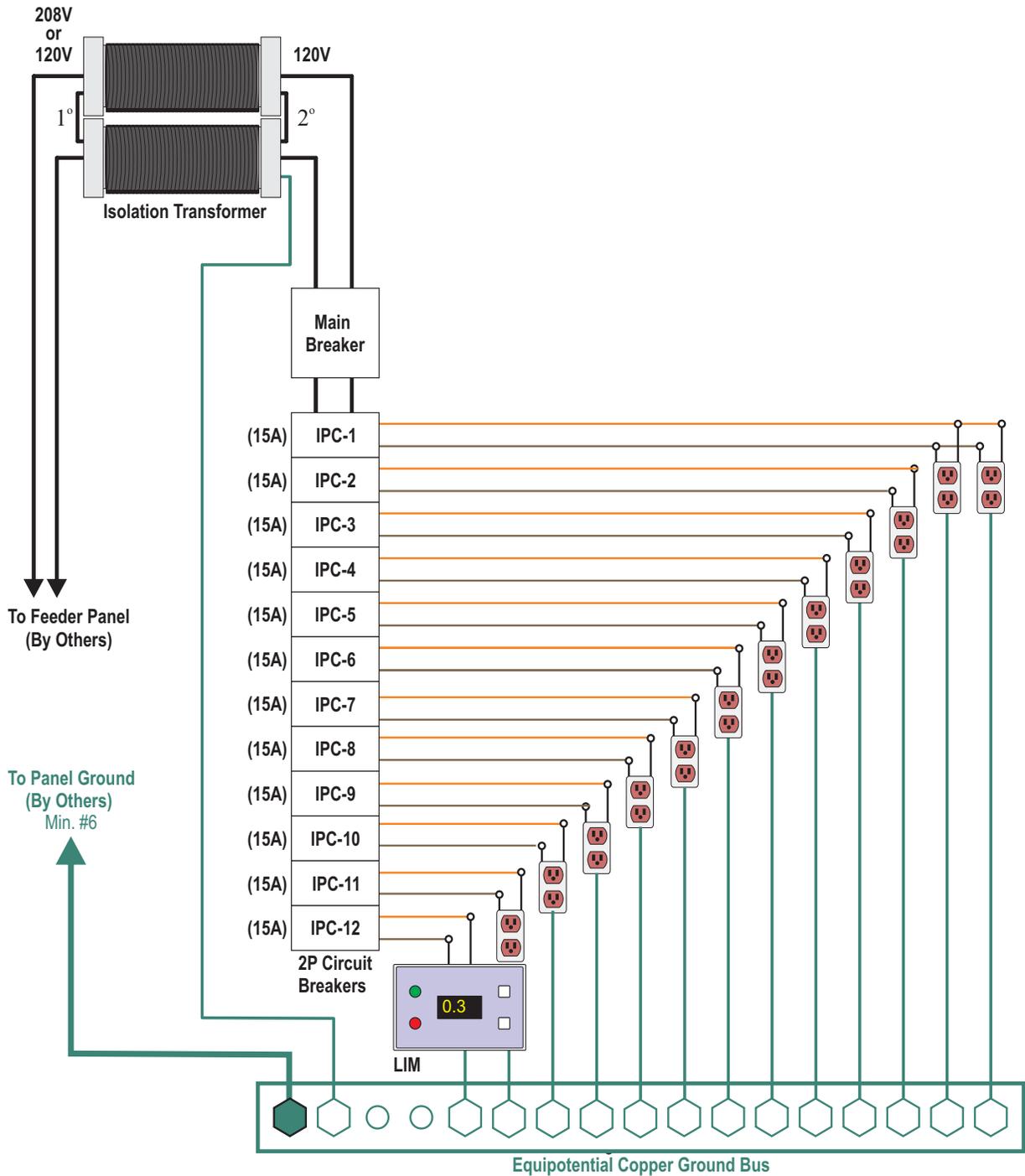
## Typical Wiring Diagram

Each Circuit - 120V / 1P / 60 Hz / 15A

Line 1 - Orange - #12 RW90XL stranded copper

Line 2 - Brown - #12 RW90XL stranded copper

Ground - Green - #10 RW90XL stranded copper





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## Alternate Wiring Diagram

Each Circuit - 120V / 1P / 60 Hz / 15A  
 Line 1 - Orange - #12 RW90XL stranded copper  
 Line 2 - Brown - #12 RW90XL stranded copper  
 Ground - Green - #10 RW90XL stranded copper

