

# EVANS POWERLINC™ HUB

POWERFUL

400%

MORE POWER VS.  
CONVENTIONAL POWER STRIPS

COST SAVINGS

PLUG AND PLAY REDUCES  
INSTALL TIME

SAFE

INDUSTRIAL GRADE ARMORED CABLE  
WITH LOW-SMOKE, ZERO HALOGEN  
(LSZH) INSULATED WIRES



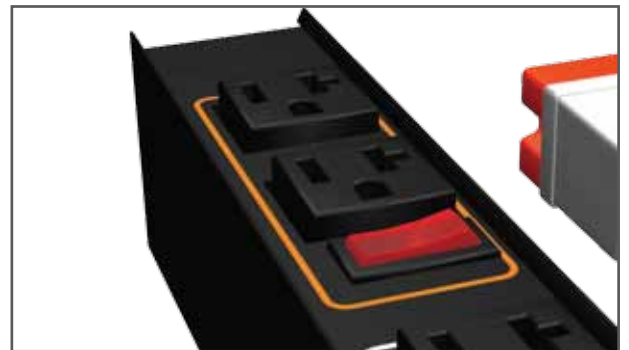
## POWER DISTRIBUTION LIKE NO OTHER.



POWERLINC™  
IS CSA APPROVED,  
UL LISTED &  
RoHS COMPLIANT

PowerLinc™ Hub is a patented modular Power Distribution System that delivers high power where it is needed. Each system can provide three 20 Amp circuits while maximizing flexibility and reducing electrical contractor costs.

Whether in the console or under a raised floor, PowerLinc's combination of extruded metal casings, metal junction boxes and armored cable provide the strength needed to withstand 24/7 critical environments.



## THE EVANS POWERLINC™ HUB ADVANTAGE

### Time and Cost Savings

With the "plug and play" method, the time needed for electrical contractors is **significantly** reduced

### LSZH Materials

PowerLinc™ materials are **low-smoke, zero-halogen** (LSZH), chosen for their superior low smoke toxicity and optical density providing an added layer of safety in the event of a fire

### Modular Components

The patented "H" connectors enable PowerLinc™ to **adapt** to console re-configuration as control room needs change

### Multiple Power Sources

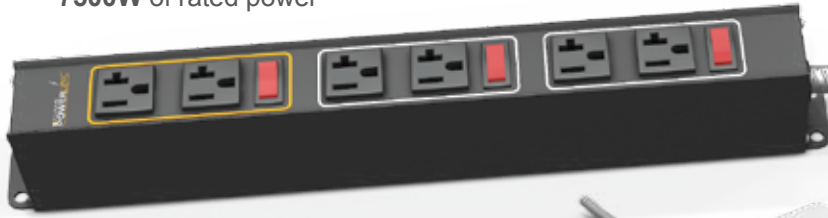
With three independent neutrals you can have up to **three separate power sources** (i.e. grid, UPS1, UPS2) in one armored cable

### Sizing Options

The PowerLinc™ Hub is available in **two sizes**: 6 outlet (standard) or 9 outlet (optional). Extension cables are available in almost any length to satisfy on-site requirements

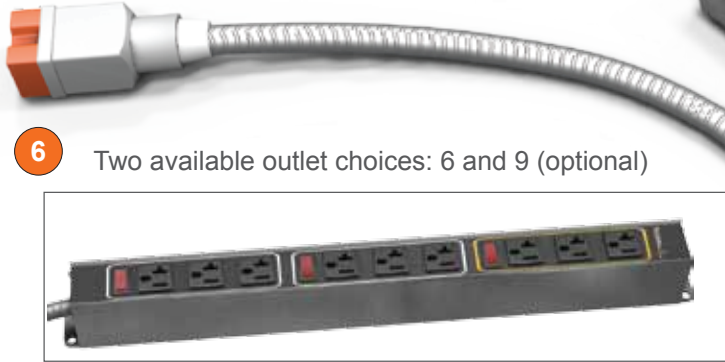
# HOW THE SYSTEM WORKS

1 Three 20A circuits deliver power through NEMA 5-20R receptacles for 7500W of rated power



2 The color coded receptacles can be used to differentiate common ground from isolated ground or multiple power sources such as UPS and Grid

5 Easy to use "H" connectors are the link between whips, junction boxes, splitters, extensions and other PowerLinc™ Hubs



3 The PowerLinc™ Junction box provides the connection point to facility power

4 All three circuits (each with its own separate neutral) are combined into a single 8-wire armored cable

6 Two available outlet choices: 6 and 9 (optional)



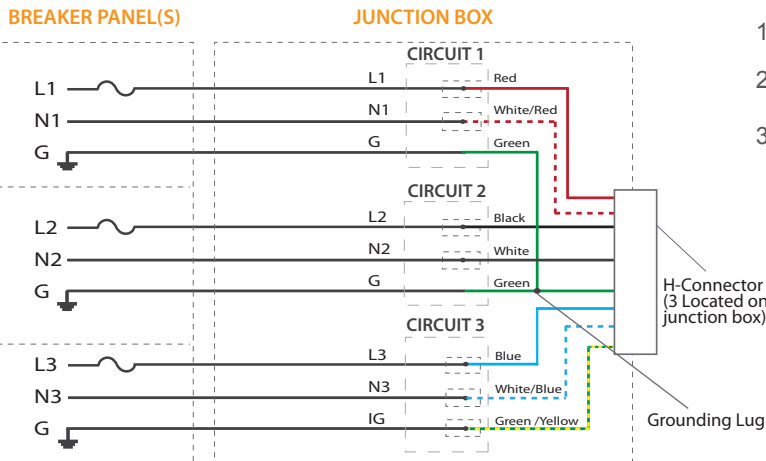
## POWERLINC™ HUB - INSIDE A CONSOLE

PowerLinc™ Hubs can be linked together and mounted to the frame, in either a vertical or horizontal position providing maximum placement flexibility within the console.

A junction box can be mounted on either side of the console. A whip/starter cable can be used instead to further increase cabinet space.



## WIRING DIAGRAM



1. 6 or 9 NEMA 5-20R (T-slot) receptacles
2. Illuminated rocker switches
3. 8 wire (3-3-2), 12 AWG, "H" connector system
  - 3 Hots for 20A circuits
  - 3 Neutrals reduce harmonics and allow separate sources
  - 2 Grounds, Independent Ground eliminates "ground loop"



SAI GLOBAL  
ISO 9001  
Quality

Evans has achieved ISO 9001:2008 registration ensuring that the company meets a consistent quality standard for our control center designs, products and servicing

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