

LINKOSITY™ POWER SYSTEM SUPPLY ASSEMBLY (15kVA PSSA) INSTALLATION INSTRUCTIONS

General Information

- **CAUTION: RISK OF ELECTRIC SHOCK.** Do not apply power before completely installing
- This equipment is intended for installation in ordinary locations in accordance with national and local electrical codes.
- For installation by a qualified electrician in accordance applicable codes and standards for the jurisdiction in which the LINKOSITY™ power system is to be installed.
- Confirm device rating is proper for application.
- **CAUTION: RISK OF ELECTRIC SHOCK OR FIRE: The load (output) connectors are not rated for current rupture and MUST NOT be used for disconnection under load.**
- When connecting cable set to PSSA the coupling nut is to be made wrench tight; ¼ turn pass hand-tight.
- Verify all connections are properly secured.
- When connecting to LINKOSITY™ connectors the coupling nut is to be made wrench tight; ¼ turn beyond hand-tight

Mounting Options:

- Floor mount – NEMA Type 1.
 - Intended for mounting on pad or floor
 - Can be stacked to no more than two units in height, utilizing (8) mounting holes on legs of one unit and threaded PEM nuts in the cover of the unit. The threaded PEM nuts accept 5/16-18 bolts.

Feeders to the Primary

The feeders to the PSSA **MUST** be run in accordance with the applicable codes and standards for the jurisdiction in which the LINKOSITY power system is to be installed. Accepts #14 - #6 AWG copper conductor, Torque 35 pounds for #10 - #14 AWG, Torque 40 pounds for #6 - #8 AWG

Positioning & Mounting:

- Ventilation openings are **NOT** to be obstructed.
 - Ventilation clearances **MUST NOT** be less than 6 inches (.15m) all around assembly. Front of assembly **MUST** remain accessible for inspection & maintenance.
 - Typical working space requirement in front of PSSA:
 - Depth:
 - 3 feet (0.9m) with no live or grounded parts on other side of the working space, or
 - 3.5 feet (1m) when installed across from a grounded surface, or
 - 4 feet (1.2m) when installed across from exposed live parts
 - Headroom to be equal or greater than 6.5 feet (2m)
 - Width to be width of the equipment or 2.5 feet (0.75m) whichever is greater
 - Shall permit at least a 90° opening of PSSA door
- Note:** Working space must be acceptable to the inspection Authorities Having Jurisdiction in the jurisdiction in which the LINKOSITY™ power system is to be installed
- Required dedicated equipment space **MUST** equal the width and depth of the PSSA and extending from floor to a height of 6.5 feet (2m) or to the structural ceiling, whichever is lower.

Grounding Electrode Conductor

CAUTION: RISK OF ELECTRIC SHOCK. PSSA **MUST** be effectively grounded to the premises grounding electrode system in accordance with the National Electrical Code.

Reference:

LINKOSITY™ Power System Installer's Guide

Websites:

<http://www.hubbell-wiring.com>

<http://www.linkosity.com>

UL Listing Information

- UL Listed to UL508A as an Industrial Control Panel intended for general use in ordinary location in accordance with the National Electrical Code.
- Not Listed for use with:
 - a) fire pump controllers,
 - b) industrial control panels for use in hazardous (classified) locations;
 - c) industrial control panels with intrinsically safe circuits that extend into a hazardous (classified) location (i.e. the panel contains one or more intrinsic safety barriers, shunt – diode barriers, or zener barriers);
 - d) pre-fabricated buildings, structures or platforms for support of persons;
 - e) controls for fuel dispensing equipment (e.g. gasoline pumps);
 - f) controls for swimming pools or spas;
 - g) controls for emergency lighting and power equipment;
 - h) fire or emergency alarm equipment;
 - i) gas or vapor detection equipment;
 - j) termination boxes (containing terminals for connecting conductors of power or distribution circuits);
 - k) portable power distribution equipment, (plug and receptacle input and output, power distribution only, no control circuit) for construction sites, theaters, motion picture and television studios, carnivals, circuses, fairs and exhibition halls;
 - l) the controlled equipment supplied from an industrial control panel, such as motors, pumps, machines, robots, air conditioners, etc.

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