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## **Quick Connect Switch Specification Document**

### **PART 1 – GENERAL**

#### **1.1 SUMMARY**

##### **A. Section Includes:**

1. Quick Connect Switch Specifications

##### **B. Related Sections:**

1. Division 00 – Bidding Requirements
2. Division 01 – General Requirements
3. Section 26 00 00 – Electrical: Basic Requirements

#### **1.2 QUALIFICATIONS**

- A. Quick Connect Switch manufacturer shall provide a complete factory assembled unit.

#### **1.3 SUBMITTALS**

##### **A. Shop Drawings**

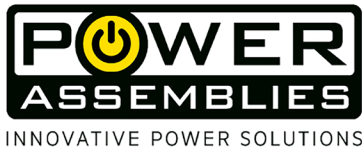
##### **1. Product technical data:**

- a. Product dimensions with front and side elevation views
- b. Enclosure type
- c. Connection details

#### **1.4 WARRANTY**

##### **A. Factory Warranty**

1. Quick Connect Switch shall be covered by a manufacturer's warranty for a period of one (1) year from date of shipment from the manufacturer.



## PART 2 – PRODUCTS

### 2.1 ACCEPTABLE MANUFACTURERS

- A. Power Assemblies LLC.
- B. No Substitutions

### 2.2 QUICK CONNECT SWITCH

#### A. GENERAL

1. Quick Connect Switches are defined as complete switching units with male Camlock input, and/or female output connectors wired to a rotary switch for quick connection use.
2. In the event the Contractor is furnishing the Quick Connect Switch, the Contractor shall be responsible for the equipment until it has been installed, inspected, tested, and accepted in accordance with the requirements of the specifications.

#### B. CONSTRUCTION

1. All equipment shall be new.
2. Quick Connect Switch enclosure shall be NEMA 3R.
  - a. Unit shall be constructed of carbon steel coated or aluminum.
  - b. Wall mount type enclosures will have mounting holes in the back of the enclosure for mounting, mounting hardware shall be included.
  - c. NEMA 3R units shall protect against water entry.
  - d. Camlock connectors shall be UL/CSA Listed single-pole and rated for 400A at 600VAC. Camlock connectors shall be color coded to visualize appropriate voltages. Camlock connectors shall be provided for each phase in the appropriate configuration to support required amperage and provided for neutral if required.

#### C. ENCLOSURE

1. Mount: Wall Mount
2. Material: Carbon Steel or Aluminum
3. Finish: ANSI 61 Gray or Uncoated Aluminum
4. Additional Requirements
  - a. NEMA Type 3R