

# Power Distribution Assemblies

*Power Distribution Assembly Whips offer high levels of quality UL listed components, precision manufacturing and testing. They are available in a variety of colors, jacketing options and components and can be customized to any specification.*

Electri-Flex Company understands that there is no room for product failure in mission critical data centers. The higher levels of quality components, precision manufacturing and testing – along with special care and attention to detail that we build into our Power Distribution Assembly products, assures you that each whip will meet or exceed the high levels of reliability and performance standards they have been designed for.

## Features & Benefits

- Power Distribution Assemblies configurator available, contact factory
- UL Listed (U.S. & Canada): Wiring Assembly E333782
- 100% inspected and pre-tested before shipment ensuring reliability and performance
- Electri-Flex only uses the highest quality UL listed components
- Standard mounting hardware is available upon request
- Liquidtight conduit is available in eleven colors to help distinguish primary power from redundant power
- Also available in Zero-Halogen (ZHLA), High Temperature (ATLA) and EMI/RFI Shielding (SLA)
- Alternative components available
- Custom tail lengths to any specification
- Minimizes workload at the job site



All Products Proudly Made in the USA

## Power Distribution

### CERTIFICATIONS & COMPLIANCE



Listed: Wiring Assembly E333782



WEEE and RoHS Compliant

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## NEMA Locking



- Locking connectors provide a more reliable connection
- Helps prevent disconnects typically caused by vibration or incidental impact
- Available in a variety of standardized configurations
- Designed so that different voltages and currents cannot be accidentally intermated
- Quoted Assemblies include **Hubbell – NEMA Twistlock® Locking Device**

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## Russellstoll®

- Toughest construction in thermoplastic safety in UL 94-VO flame rated DuraV material
- DurOring sealed pins, sleeves and interiors are watertight even unmated
- 30A and 50A unique circuit interlock line in DuraV are the best choices in all standard voltage polarization options through 600VAC (interlock to 480VAC)
- Angle type plugs-the original 60A main power computer system connector-are available in UL94-VO specialty material (Aluminum Connectors)
- Other lines such as MaxGard should be used for change out when possible
- A product of Thomas & Betts Corporation



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## IEC Pin and Sleeve



- IEC 60309 (formerly IEC 309) is an international standard for plugs, socket- outlets and couplers for industrial purposes
- Includes a range of plugs and sockets of different sizes with differing numbers of pins, depending on the current supplied and number of phases accommodated
- Prevents potential users from connecting domestic appliances to the sockets
- Used for heavy current demands and when three phases are needed

- Quoted Assemblies include Hubbell IEC Pin and Sleeve
- IP44 (Splash-Proof) is available upon request, a preferred solution for open-air conditions
- Housing are Supertuff® Zytel 101 Nylon
- VO rated Thermoset contact carriers. Complete VO rated devices available upon request