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## XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-C

# IEC 60309 Waterproof Connector, 100 Amps 3P+E, 480V 3PH 3P4W, Pin & Sleeve, IP67

**Product ID: 263633**

**Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

| XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-C Water Tight Pin and Sleeve Connector | Certifications - Compliance |
|---|---|
| **Device Series: IEC 60309 (North American Standard)** | Certified for United States & Canada |
| **Device Type: Connector** | NRTL Certified to UL 1682, UL 1686 |
| **Dimensions: -** | NRTL Certified to CAN/CSA C22.2 No 182.1 |
| **Weight: -** | CE Certified, Low Voltage Directive 73/23/EEC |
| **Amperage Rating: 100A** | CE Certified, Low Voltage Directive 93/68/EEC |
| **Voltage: 480** | NRTL Certified to 60309-1, 60309-2 |
| **Frequency: 50/60 Hz** | RoHS Certified |
| **Phase: 3-Phase Delta** | Compatible with IEC 60309 Compliant Products |
| **Configuration: 3P4W (3P+N+E)** | IP67/IP69K Rated Weatherproof |
| **# of Poles: 3-Pole** | IK07 Rated Drop Resistant |
| **# of Wires: 4-Wire** | Flame Retardant (UL94 V2) |
| **Max Voltage Rating: 480V 3PH** | Certified for Full Load Interrupting |
| **Clock Hour: 7H** | **Current Interrupting: Certified for current interrupting at full rated current** |
| **Cord Range: .950 - 1.875** | **Corrosion Resistance: Ferrous parts immersed in 20°C, 10 percent ammonium chloride solution for 10 min** |
| **Dielectric Voltage: 3000V for 1 min** | **Flammability: Rated V-2 per UL 94** |
| **# of Operations: > 1000 connects/disconnects under load, at full rated current and voltage** | **Ingress Protection Rating: IP67/IP69K** |
| **Minimum Withdrawal Force: 20lbs** | **Moisture Resistance: Immersed for 24 hours in 5cm of 25°C water per UL 1682** |
| **Temperature Rise: Max +30°C at full-rated current after 50 cycles of OL at 150% rated current** | **Crush Test: 250lbs for 1 min after -25°C for 6 hrs** |
| **Operating Temperature Range: -25°C to +65°C** | **Impact Resistance: Drop from 30" 8 times after conditioning to -25°C for 6 hrs** |
| **Waterproof Rating: IP67, IP69K, NEMA 4X** | **Cross Compatible: 4100C7W** |

**Shock Resistance: IK09**

**Flammability: V-2 Rated**

**Insulation Resistance: 500V for 1 min; >= 5M**

**Cable Secureness: "Force: 150lb; Torque: 2.0 ft-lb; Max Disp: <= 3/32""**

**Seals: Neoprene**
**Material, Housing Body: Toughened PVC**
**Material, Housing Cover: Toughened PVC**
**Material, Contacts: Brass**
**Material, Contact Carrier: Nylon**
**Material, External Screws: Acid-Proof Stainless Steel**
**Material, Internal Screws: Zinc-plated steel**
**Material, Phase/Ground Sleeves: Brass**
**Material, Sleeve Spring: Stainless Steel**
**Material, Terminal Screws: Steel**
**Color: Red**
**Shipping Dimensions: -**
**Shipping Weight: -**

**Mating Plug: XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-P**
**Mating Receptacle: XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-R**
**Mating Connector: XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-C**
**Mating Inlet: XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-B**

**Special Orders - Special Requirements**
Contact us for special requirements
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**The Larson Electronics XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-C is an IEC 60309 standard industrial use waterproof Connector for industrial work sites. The 100-amp pin/sleeve Connector is configured to operate on 3-Phase Delta 480V AC power and features an IP67 waterproof rating. Designed for rugged facilities, the %Pole%-pole %Wire%-wire unit can be disconnected under load up to 1000? times.**

The XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-C is an industrial grade Connector with waterproof properties. This pin/sleeve unit is compatible with 3-Phase Delta 480V and holds a 100-amp rating. The IP67-rated Connector is constructed of toughened PVC, reinforced thermoplastic polyester and stainless steel.

The XLE-PA-IP67-309.NA series from Larson Electronics complies with the IEC 60309 standard for North American equipment, is a direct cross for 4100C7W , and is cross compatible with other equipment designed to the same standard. The XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-C is a Red Connector with a grounding pin located at clock hour 7.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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# Frequently Asked Questions (FAQ)



**Warranty:** 6 Months.
**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**