Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

XLE-PA-N4X-1686-3PH-100A-600V-2P3W-C-CR

100A Industrial Metal Connector - 600V AC - 2P3W - Pin/Sleeve w/ Threaded Receiving Ring - NEMA 4X

Product ID: 270625

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-N4X-1686-3PH-100A-600V-2P3W-C-CR Pin and Sleeve Connector

Device Type: Pin and Sleeve Industrial Metal Connector w/ Threaded Receiving Ring
Dimensions: -
Weight: 4.65 lb
Rated Voltage: 600 V AC / 250 V DC
Phase: Single Phase
Rated Frequency: 50-400 Hz
Amp Rating: 100A
Configuration: 2P3W
# of Poles: 2-Pole
# of Wires: 3-Wire
Grounding: Style II
Operating Temperature Range: -
Material, Housing Body: Copper-free aluminum
Material, Contacts: Brass
Material, Spring Tensioner: Beryllium Copper
Material, External Screws: 316 Stainless Steel
Finish:Baked Powder Epoxy/Polyester Finish
Cable Diameter Range: 0.875" to 1.906"

Ratings

Listed for United States and Canada
NRTL Certified to UL 50
NRTL Certified to UL 1010
NRTL Certified to CSA C22.2 No. 159
UL Standard 1682 Wiring Device
NEMA 3, 4, 4X

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The Larson Electronics XLE-PA-N4X-1686-3PH-100A-600V-2P3W-C-CR is an Industrial Pin and Sleeve Connector for rugged work sites. The NEMA 4X unit is rated at 600V AC / 250 V DC @ 50-400 Hz and 100 amps. Designed for rugged facilities, the 2-pole, 3-wire unit is protected by a copper-free aluminum housing. The XLE-PA-N4X-1686-3PH-100A-600V-2P3W-C-CR is also equipped with a threaded receiving ring that mates to threaded clamping rings on plugs to secure the pair together once connected.

The XLE-PA-N4X-1686-3PH-100A-600V-2P3W-C-CR is an industrial grade connector that carries a NEMA 4X rating. This pin/sleeve portable receptacle is rated at single-phase 600 V AC / 250 V DC @ 50-400 Hz and 100 amps. The 2-pole, 3-wire connector is constructed of copper-free aluminum, brass, beryllium copper and 316 stainless steel with a baked powder epoxy/polyester finish. This power accessory features style II grounding and a cable diameter range of 0.875" to 1.906".

Note on Poles/Wires: The XLE-PA-N4X-1686-3PH-100A-600V-2P3W-C-CR portable outlet is a 2-pole, 3-wire unit. Some OEMs print this information backwards and would list it as a 3-pole, 2-wire. This connector is the same thing. These OEMs list the "pole" as physical poles and the "wire" as hot wires. However, at Larson Electronics, we follow NEMA and IEC standards where "pole" is hot and "wire" is the total wires going to the portable outlet.

Interchangeability: The portable receptacle is fully interchangeable with configured and certified to UL1686 devices, such as Crouse-Hinds® Arktite® or Appleton® Powertite®. Standard location receptacle bolt hole patterns match competitive back boxes so users can perform upgrades without changing back boxes in instances where changing the conduit system is difficult.

Reverse Service/Polarized Configurations: Larson Electronics offers Reverse Service and Polarized configurations for all XLE-PA-N4X-1686 wiring devices. In Reverse Service configurations, receptacles and connectors are assembled with plug interiors and the plugs are assembled with receptacle interiors. Reverse service is designed for applications where the plug is energized, such as from a generator, to feed a non energized receptacle. This prevents energized pins from being exposed. Polarized configuration rotates the interior of receptacles and connectors 22.5° to the right. Plug interiors are rotated 22.5° opposite to match receptacles and connectors. Polarized configuration prevents accidental connector between mismatched voltage or mismatched frequencies in locations where the devices of the same amperage, poles, and grounding configuration exist. For Reverse Service configuration, add -S39 to sku. For Polarized configuration, add -S37 to sku.

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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

XLE-PA-N4X-1686-3PH-100A-600V-2P3W-C-CR

Product ID: 270625

Warranty: 6 Months

Export Control Classification Number (ECCN): EAR99

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**