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EXC-100-100A-IP67-309.NA-3PH-480V-3P4W-C-BCE

100' 2/4 SOOW Weatherproof Extension Power Cord - 100 Amps Rated - 480V - 3P4W Blunt End/Connector

Product ID: 272545

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



Image: EXC-100-100A-IP67-309.NA-3PH-480V-3P4W-C-BCE

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.

EXC-100-100A-IP67-309.NA-3PH-480V-3P4W-C-BCE - 100' 2/4 SOOW 100A Extension Cord

Device Series: IEC 60309 (North American Standard)
Cable Length: 100'
Weight: -
Cable Type: 2/4 SOOW

Cord End Specs

Amperage Rating: 100A
Voltage: 480V
Frequency: 50/60 Hz
Phase: 3-Phase Delta
Configuration: Blunt Cut End

Features

Certified for United States & Canada
NRTL Certified to UL 1682, UL 1686
NRTL Certified to CAN/CSA C22.2 No 182.1
CE Certified, Low Voltage Directive 73/23/EEC
CE Certified, Low Voltage Directive 93/68/EEC
NRTL Certified to 60309-1, 60309-2
CE Certified, Low Voltage Directive 93/68/EEC
NRTL Certified to 60309-1, 60309-2
RoHS Certified
Compatible with IEC 60309 Compliant Products
IP67/IP69K Rated Weatherproof
IK07 Rated Drop Resistant
Flame Retardant (UL94 V2)
Certified for Full Load Interrupting
Current Interrupting: Certified for current interrupting at full rated current
Corrosion Resistance: Ferrous parts immersed in 20°C, 10 percent ammonium chloride solution for 10 min
Flammability: Rated V-2 per UL 94
Ingress Protection Rating: IP67/IP69K
Moisture Resistance: Immersed for 24 hours in 5cm of

25°C water per UL 1682
Crush Test: 250lbs for 1 min after -25°C for 6 hrs
Impact Resistance: Drop from 30" 8 times after conditioning to -25°C for 6 hrs
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

Cross Compatible: 560C7W

Connector Specs

Amperage Rating: 100A
Voltage: 480V
Frequency: 50/60 Hz
Phase: 3-Phase Delta
Configuration: 3P4W (3P+E)
# of Poles: 3-Pole
# of Wires: 4-Wire
Max Voltage Rating: 480V 3PH

Clock Hour: 7H

Cord Range: .670 - 1.625

Dielectric Voltage: 3000V□ for 1 min
# of Operations: > 1000□ connects/disconnects under load, at full rated current and voltage

Minimum Withdrawal Force: 15lbs

Temperature Rise: Max +30°C at full-rated current after 50 cycles of OL at 150% rated current

Operating Temperature Range: -25°C to +65°C

Waterproof Rating: IP67, IP69K, NEMA 4X

Shock Resistance: IK09

Flammability: V-2 Rated

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

Cable Secureness: "Force: 150lb; Torque: 1.0 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

CE Certified, Low Voltage Directive 93/68/EEC
NRTL Certified to 60309-1, 60309-2
RoHS Certified
Compatible with IEC 60309 Compliant Products
IP67/IP69K Rated Weatherproof
IK07 Rated Drop Resistant
Flame Retardant (UL94 V2)
Certified for Full Load Interrupting
Current Interrupting: Certified for current interrupting at full rated current
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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

Cross Compatible: 560C7W

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: -

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The EXC-100-100A-IP67-309.NA-3PH-480V-3P4W-C-BCE from Larson Electronics is a 100' Weatherproof 2/4 SOOW Extension Power Cord that is designed for heavy duty and outdoor applications. This rugged extension cord is constructed of 3-gauge 4-conductor wire, equipped with a red 100-amp rated weatherproof IEC 60309 pin and sleeve cord connector and allows operators to extend power to equipment when stationary weatherproof outlets are not readily available.

The EXC-100-100A-IP67-309.NA-3PH-480V-3P4W-C-BCE extension cord provides a safe and effective way for operators to extend 480V power to a variety of devices for plant maintenance, power generators, construction and other temporary applications. This unit consists of 100 feet of chemical and abrasion resistant flexible 2/4 SOOW cable that is terminated in a XLE-PA-IP67-309.NA-3PH-100A-480V-3P4W-C red IEC 60309, 100-amp rated 3-pole, 4-wire female connector with a clock hour setting of 7H. The other end is terminated in a blunt cut.

Applications: This extension cord is ideal for indoor or outdoor use and applications including but not limited to, generators, construction sites, plant maintenance, plant turnarounds, shows, exhibits, industrial equipment, uninterruptible power supplies (UPS battery backups), stage equipment, and shipyard operations. These industrial extensor cords are popularly used in applications where external power sources are often necessary. We also offer class rated extension cords for use within explosion proof and hazardous location environments.

Larson Electronics is a manufacturer and as such can build extension cords and portable transformer systems to your specifications. Although we carry several models of power distribution transformers, we can deliver custom ordered units almost as quickly as our prebuilt units If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/272545.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/272545.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/272545.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/272545.JPG)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)