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EXC-50-60A-IP67-309.NA-3PH-208Y.120-4P5W-M1

50' 2/5 SOOW 60 Amp Feeder Cable, 208Y/120, IEC 60309 4P5W Cord Caps

Product ID: 285610

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.

EXC-50-60A-IP67-309.NA-3PH-208Y.120-4P5W-M1 - 50' 2/5 SOOW 60 Amp Feeder Cable

Cord Caps: 60A IEC 60309 Pin and Sleeve Plug & 60A IEC 60309 Pin and Sleeve Connector
Voltage Rating: 3PH 208Y/120 V Wye
Configuration: 4-Pole, 5-Wire
Clock Hour: 9H
Max Amp Rating: 60 A
Cord Cap Color: Blue
Cable Type: 2/5 SOOW
Cable Length: 50'
Cord Color: Black
Weight: 145 lb

Features

IEC 60309 Style
CE Certified
IP67 Waterproof

Cord Cap Specs

Amperage Rating: 60 A
Voltage: 208Y/120 V Wye
Frequency: 50/60 Hz
Phase: 3-Phase
Configuration: 4P5W (3P+N+E)
# of Poles: 4-Pole
# of Wires: 5-Wire
Max Voltage Rating: 250V 3PH
Clock Hour: 9H
Cord Range: .950 - 1.875
Dielectric Voltage: 2000V for 1 min
# of Operations: > 1000 connects/disconnects under load, at full rated current and

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
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

voltage

Minimum Withdrawal Force: 20 lb

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; >= 5M

Cable Secureness: "Force: 150 lb; 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: Blue
Shipping Dimensions: -
Shipping Weight: -

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: 250 lb 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-60A-208Y.120-4P5W-P
Mating Receptacle: XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-R
Mating Connector: XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-C
Mating Inlet: XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-B

Cross Compatible: 560P9W

Connector Specs

Amperage Rating: 60 A
Voltage: 208Y/120 V Wye
Frequency: 50/60 Hz
Phase: 3-Phase
Configuration: 4P5W (3P+N+E)
# of Poles: 4-Pole
# of Wires: 5-Wire
Max Voltage Rating: 250V 3PH
Clock Hour: 9H
Cord Range: .950 - 1.875
Dielectric Voltage: 2000V for 1 min
# of Operations: > 1000 connects/disconnects under load, at full rated current and voltage

Minimum Withdrawal Force: 20 lb

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; >= 5M

Cable Secureness: "Force: 150 lb; 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

Certified for United States & Canada
NRTL Certified to UL 1682, UL 1686
NRTL Certified to CAN/CSA C22.2 No 182.1
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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
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Mating Plug: XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-P
Mating Receptacle: XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-R
Mating Connector: XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-C
Mating Inlet: XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-B

Cross Compatible: 560C9W

Special Orders - Special Requirements
Contact us for special requirements

Material (Terminal Screws): Steel
Color: Blue
Shipping Dimensions: -
Shipping Weight: -

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

Made in the USA

The EXC-50-60A-IP67-309.NA-3PH-208Y.120-4P5W-M1 from Larson Electronics is a 50' 2/5 SOOW 60 Amp Feeder Cable that is designed for heavy duty and outdoor applications. This rugged extension cord is constructed of 4-gauge 5-conductor wire is equipped with a blue 3P+N+E 60-amp rated weatherproof IEC 60309 pin and sleeve plug on one end and a blue 3P+N+E 60-amp rated weatherproof IEC 60309 pin and sleeve connector on the other end. It allows operators to extend power to equipment when stationary weatherproof outlets are not readily available.

The EXC-50-60A-IP67-309.NA-3PH-208Y.120-4P5W-M1 extension cord provides a safe and effective way for operators to extend three phase 208Y/120 V power to a variety of devices for plant maintenance, power generators, construction and other temporary applications. This 50 foot chemical and abrasion resistant flexible 2/5 SOOW cable is terminated in a XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-P blue IEC 60309, 60-amp rated 5-pole, 4-pin plug on one end and a XLE-PA-IP67-309.NA-3PH-60A-208Y.120-4P5W-C blue IEC 60309 60-amp rated 5-pole, 4-pin connector on the other.

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.

Specifications:

50 ft 60 A Feeder Cable - The 50 ft 60 A Feeder Cable is as follows:

- i. IEC 60309 Pin & Sleeve Cable set for connecting to 100 kW or 30 kW Distribution Boxes
- ii. Rated at 60 Amp, 4 Pole, 120/208 VAC;
- iii. Cable: 5 Wire, 2/5 Type SOOW, 15 m (50 ft) in length;
- iv. Male End Coupler: 5 Wire, IEC 60309 Pin & Sleeve, 560P9W; and
- v. Female End Coupler: 5 Wire, IEC 60309 Pin & Sleeve, 560C9W;

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Frequently Asked Questions (FAQ)

EXC-50-60A-IP67-309.NA-3PH-208Y.120-4P5W-M1

Product ID: 285610

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

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