Larson Electronics LLC
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EPEXC-50-2X20A-12.3

Explosion Proof 50' Extension Cord - Double Gang - 20 Amp Continuous Service - 50' 12/3 SOOW

Product ID: 144868

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.

EPEXC-50-2X20A-12.3 Explosion Proof Extension Cord
Amp Rating: 20 amp Continuous Service
Cord Length: 50 Feet
Configuration: 2 Pole 3 Wire

Receptacle Specs:
Configuration:2 Pole 3 Wire
Voltage:125V or 250V
Materials: Copper Free Aluminum
Mating Plugs: ****EPP-15A, EPP-20-A****
Finish: Epoxy Powder Coat
Cord Cap: 5-20P, 6-20P - Explosion Proof
U.L. Certification

Plug / Outlet Certifications
Class 1 Div 1 Groups C and D
Class 2 Div 1 Groups F and G
General Area Industrial Cord Cap

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

Made in the USA

The Larson Electronics EPEXC-50-2X20A-12.3 Explosion Proof extension cord allows operators to safely extend the range of their explosion proof light or equipment cords within the boundaries of the hazardous work area. These units are constructed of 50 feet of 12/3 SOOW explosion proof cord rated at 20 amps of continuous service. The cord is chemical and abrasion resistant and comes with an explosion proof receptacle installed on one end and a general area use industrial cord cap installed on the other end.
The two 20 amp power receptacles are constructed of non sparking aluminum and

finished with an epoxy powder coating while the housing is constructed of triple coated malleable iron for durability and added corrosion resistance. The internal receptacle plug contacts are constructed of brass and designed to maintain constant pressure along their entire length for superior connectivity. The plug receptacle is deeply recessed to prevent accidental contacts and designed for twist lock plug insertion to provide secure connections. A neoprene seal fitted inside the connector receptacle seals against the plug when inserted to provide positive sealing against water ingress. A spring loaded receptacle door provides an automatic weather-tight seal when the plug is removed. In standard installations within the hazardous location area, threaded rigid pipe is brought to the outlet and the outlet is affixes to a mounting surface.
The plugs on these units are of a twist lock design. In order for a secure and working connection to take place, the operator must insert the plug and twist until it locks into place. This ensures a safe seal is made before any sparks from electrical contact can take place. To ensure the highest safety, operators should make connections outside of the hazardous area.

Click Photos to Enlarge

These explosion proof extension cords are preconfigured in 125V (left) or 250V (right). Each unit is equipped with a 20 amp explosion proof cord cap and rated for 20 amps of continual service. The outlets are a twistlock design. The deep recessed contacts in the receptacle housing prevents ordinary and wet location plugs from activating the explosion proof outlets.

125V 5-20P Explosion Proof Straight Blade Plug

250V 6-20P Explosion Proof Straight Blade Plug

125V 5-15/20 Explosion Proof Outlet

Outlet accepts 15A and 20A Explosion Proof Plugs

Outlet accepts 6-15P and 6-20P Explosion Proof Plugs

Inter-Compatibility: The included explosion proof plug and receptacle are cross-interchangeable with Crouse Hind™ part# ENPENP5151 plugs and receptacles and Hubble-Killiark part# UGP-15231 ACCEPTOR® plugs and receptacles. Any equipment requiring these C-H or H-B plugs should work with these cords. Due to possible manufacturer changes we cannot guarantee interchangeability although we have made every effort to ensure cross compatibility correctness.
Wiring and Plug: This explosion proof extension cord is equipped with 50 foot of 12/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include explosion proof 5-20P 20 amp straight blade plug for 110-125V explosion proof outlets or explosion proof 6-20P 20 amp straight blade plug for 220-250V explosion proof outlets. *Please note: This is a stock configuration. Other plugs and outlets are available, including pin and sleeve style. Please send requirements to sales@larsonelectronics.com if this unit does not meets your specifications.*
Suggested Applications: Manufacturing, Industrial, Warehouse, Lighting, Explosion Proof Light Fixtures, Grinders, Wet areas or Locations Where Combustible Dust is Present.

Frequently Asked Questions (FAQ)

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EPEXC-50-2X20A-12.3

Product ID: 144868

Warranty: 36 Months

Export Control Classification Number (ECCN): EAR99

Options:

EPEXC-50-2X20A-12.3-Voltage

Example: EPEXC-50-2X20A-12.3-2023-125V

Voltage	
125V	-2023-125V
250V	-2020-250V

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Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **CE Certificate**
- **Certificate 1, Misc**
- **Certificate 2, Misc**
- **Certificate 3, Misc**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **SpecSheetSpanish**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic4**
- **HigResPic5**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**