

Product ID: 344100

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



Image:

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.

MPD-CS-XX-SP3100 245 kV Ground Switch

Made in the USA

Unit Type: Outdoor, station-class, 3-pole grounding/earthing switch

Rated Maximum Voltage: 245 kV RMS

Frequency: 60 Hz

Short-Time Withstand Current: 40 kA RMS, 1 second

Peak Withstand Current: 100 kA peak

Lightning Impulse Withstand (BIL): 550 kV peak

Power-Frequency Withstand: Approximately 275 kV RMS, 1 minute

Minimum Grounding Blade-to-Live-Part Clearance: 22 inches

Operation: 3-pole gang operated

Mounting: Outdoor structure/base mount

Operating Mechanism: Manual with motorized option

Control Voltage: 125 VDC

Position Indication: Mechanical OPEN/CLOSED

Auxiliary Contacts: 3 NO + 3 NC

Mechanical Interlock: Provided with associated circuit switcher/disconnector

Electrical Interlock: Provided to prevent closing onto an energized circuit

Grounding Terminal: Heavy-duty station-ground connection

Insulators: Outdoor station-class porcelain

Creepage Distance: ≥6,000 mm, subject to site pollution level

Enclosure: Weatherproof, NEMA 3R

Standards: IEEE/ANSI C37.32, C37.30/C37.34 and applicable IEC 62271 requirements



Dimensions & Shipping

Overall Dimensions: -

Approximate Weight: -

Shipping Dimensions: -

Shipping Weight: -

Shipping

Shipped on flatbed/specialized transport

Crated/rigging requirements available upon request

Final shipping configuration subject to approved design

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

This MPD-CS-XX-SP3100 is a 245 kV Outdoor, Station-class, 3-Pole Ground Switch for MPD-CS- Circuit Switcher Series

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.



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):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/344100.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=aOJY5E9e33I>)
- **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>)