Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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## MPD-MES-LBS-3P3W-13-25KV-2000A-25K-FX-PM-CU-N3R

# MV Pad-Mounted Load Break Switchgear Lineup, 25kV, 2000A Main with (3) 1200A Switch Positions, 3-Phase 3-Wire, NEMA 3R

**Product ID: 342615**

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



Image: MPD-MES-LBS-3P3W-13-25KV-2000A-25K-FX-PM-CU-N3R

**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-MES-LBS-3P3W-13-25KV-2000A-25K-FX-PM-CU-N3R MV Pad-Mounted Load Break Switchgear Lineup**

**Unit Type:** MV Pad-Mounted Load Break Switchgear, Multi-Position Lineup

**Configuration:** 3-Phase, 3-Wire
**Assembly Type:** 1 Incoming, 3 Outgoing Switch Positions
**Rated Maximum Voltage:** 25kV AC

**Rated BIL:** 125kV

**Main Bus Continuous Current:** 2000A

**Switch Position Rating:** (3) 1200A Load Break Switches

**Short-Time and Short-Circuit Interrupting Current:** 25kA
**Mounting Style:** Fixed Type, Pad-Mounted
**Bus Material:** Copper
**Enclosure Type:** NEMA 3R, Ventilated, Pad-Mounted

**Construction**
**Support Frame/Enclosure Base/Enclosure Material:** Stainless Steel 304
**Enclosure Finish:** Munsell 7GY 3.29/1.5 Green
**Enclosure Configuration:** Penta-Head Cabinet Door Bolts

**Made in the USA**

**Features of Every Assembly**
Ventilated Design, Natural Cooling
NEMA 3R Rated for Outdoor Use
Viewing Windows for Visual Verification of Switch Positions
Parking Stands for Feedthroughs and Standoff Insulators
Grounding Rods Extend Across Full Width of Door Openings

Ratings & Approvals
ANSI and IEEE Standards for Switchgear
Complies with IEEE C37.74
UL Listing

**Dimensions & Shipping**
**Overall Dimensions:** 96 in H × 120 in W × 48 in D (estimated)
**Approximate Weight:** 3,600 lbs (estimated)
**Shipping Dimensions:** TBD
**Shipping Weight:** TBD

**Shipping**
Shipped on pallet or skid
Crated shipment available upon request
Final shipping configuration subject to approved design

**Special Features**
Multi-Position Load Break Lineup, Viewing Windows, Parking Stands, Full-Width Grounding Rods

**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

**Customer Compliance**
Final arrangements, sizes, ratings, settings, configuration, and installation details will be finalized during detailed engineering review and customer approval prior to release for manufacture.

Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and applicable drawings.

**Made in the USA**

**The Larson Electronics MPD-MES-LBS-3P3W-13-25KV-2000A-25K-FX-PM-CU-N3R Medium Voltage Switchgear Pad Mount is a multi-position load break switchgear lineup consisting of one incoming and three outgoing switch positions, compatible with three-phase 25KV AC. Designed for outdoor applications, the NEMA 3R system.**

***PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS****

The **MPD-MES-LBS-3P3W-13-25KV-2000A-25K-FX-PM-CU-N3R** medium voltage switchgear cabinet protects, controls and isolates equipment in industrial facilities. Compatible with three-phase 25KV AC, the unit features a 2000A rated main bus feeding three 1200A load break switch positions, with removable silver-plated copper threaded studs, parking stands for feedthroughs and standoff insulators, and viewing windows for visual verification of switch positions and inspection of blown-fuse indicators.

**Enclosure Design**
A ventilated design promotes natural cooling and improves performance. The enclosure is NEMA 3R rated and can be used in outdoor areas.

**Construction**
The support frame, enclosure base, and enclosure are constructed of 304 stainless steel, finished in Munsell 7GY 3.29/1.5 green, with a NEMA 3R ventilated, pad-mounted configuration featuring penta-head cabinet door bolts. Grounding rods extend across the full width of door openings for easier grounding.

**Certification**

This switchgear cabinet complies with ANSI and IEEE standards, including IEEE C37.74, and carries UL listing.

**Applications**
This switchgear is suitable for outdoor use and applications including, but not limited to, construction sites, plant maintenance, plant turnarounds, manufacturing operations, shows, exhibits, and warehouse operations.

**Customer Compliance**
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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.

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# Frequently Asked Questions (FAQ)

There are no Faqs

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-Handle Lockbox of stain-
eel and is padlockable



Switch-Operating Handle Storage



Switch-Handle Operation - ha
unfolds and clip slides over jo
to fix handle in extended posi







Image: MPD-MES-LBS-3P3W-13-25KV-2000A-25K-FX-PM-CU-N3R

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**Export Control Classification Number (ECCN):** EAR99

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