Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MPD-MES-TS-3P-15KV-600A-N3R-SS-BW

Metal Enclosed Switchgear, Transition Section, 3-Pole, 15kV Class, 600A, NEMA 3R, 304 Stainless Steel, Bolted (Switchgear Side) / Welded (Transformer Side), Outdoor

Product ID: 344362

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



Image: MPD-MES-TS-3P-15KV-600A-N3R-SS-BW

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-TS-3P-15KV-600A-N3R-SS-BW Metal Enclosed Switchgear
Unit Type: Transition Section, 3-Pole, 15kV Class, 600A, NEMA 3R, 304 Stainless Steel, Bolted/Welded, Outdoor

Made in the USA

Configuration

Transition Section, standalone, non-switching

3-Pole, 15kV Class (13.8kV System)
Bus Continuous Rating: 600A (pass-through)

Enclosure Interface
Bolted at Switchgear (LIS) Side
Welded at Transformer Side
Interface configuration site-matched to existing installation

Construction
11-Gauge Sheet Steel, 304 Stainless
ANSI 61 Gray Polyester Powder Coat
Phosphatized / Zinc-Treated Pretreatment
ASTM B117, 1000-Hour Salt Spray Rated
NEMA 3R Outdoor Enclosure

Features of Every Assembly
Custom-engineered to match existing switchgear/transformer interface
Fabricated to order per site interface requirements
Field-verified interface confirmed during required site visit
Full-height, weatherproof, sloped roof design
Louvered ventilation with removable filters
Rodent barriers and bottom closure plates
4-inch channel base
Lifting angles or equivalent lifting provisions
Full-length interphase barriers, NEMA grade GPO-3

Ratings & Approvals
Complies with ANSI/IEEE C37.20.3
UL Listed construction

Bus / Termination Provisions
Full-Length Copper Tin-Plated Bus & Ground Bus
Bus Insulated with Bus Boots Over Joints
Porcelain Support Insulators, Gray Glaze
Terminal Pad Provisions per Phase

Dimensions & Shipping
Overall Dimensions: 36 in W × 30 in D × 60 in H (estimated)
Approximate Weight: 450 lbs (estimated)
Shipping Dimensions: TBD
Shipping Weight: TBD

Shipping
Ships via truck freight, crated
Lead time provided upon order confirmation

Special Orders – Special Requirements
Toll Free: 1-800-369-6671
Intl: 1-903-498-3363
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, switchgear, and transformers to meet unique industrial and utility applications. Our engineering team works closely with customers to ensure each assembly is built to the exact specifications required for safe, reliable operation.

Made in the USA

The MPD-MES-TS-3P-15KV-600A-N3R-SS-BW is a custom-engineered Transition Section designed to provide a permanent, code-compliant interface between a 15kV class metal-enclosed load interrupter switchgear assembly and an adjacent outdoor liquid-filled transformer. Rated for 3-pole, 600A continuous bus pass-through at 15kV class (13.8kV system), this standalone enclosure is built to match the physical footprint and construction of the switchgear it connects to, ensuring a seamless, weatherproof electrical and mechanical interface between the two assemblies.

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

Designed for demanding outdoor industrial environments, this Transition Section is fabricated from heavy-duty 11-gauge 304 stainless steel and finished with an ANSI 61 gray polyester powder coat over a phosphatized, zinc-treated substrate, providing superior long-term resistance to corrosion, salt spray, and weathering. The unit is built to the same rugged construction standards as the switchgear it accompanies, ensuring consistent appearance, durability, and service life across the full installation.

Construction and Interface
The enclosure connects via a bolted interface on the switchgear side, allowing straightforward field assembly and future maintenance access, and a welded interface on the transformer side, providing a permanent, sealed connection matched to the transformer's termination compartment. This bolted/welded configuration is site-matched to the existing installation footprint, ensuring proper fit and alignment without requiring modification to either connected

assembly. The enclosure features a full-height, sloped weatherproof roof, louvered ventilation with removable filters, rodent barriers, bottom closure plates, and a 4-inch structural channel base, consistent with outdoor NEMA 3R switchgear construction practices. Lifting angles or equivalent provisions are included to facilitate safe rigging and installation.

Bus and Termination
Internally, the Transition Section houses full-length copper tin-plated bus and ground bus, insulated with bus boots over all joints, and supported on gray-glaze porcelain insulators for reliable dielectric performance in an outdoor, corrosive environment. Terminal pad provisions are included per phase to accommodate field cable terminations sized to the connected switchgear and transformer ratings.

Ratings and Approvals
This unit is designed and constructed in accordance with ANSI/IEEE C37.20.3 and is manufactured to UL listing standards for metal-enclosed switchgear assemblies. As a passive, non-switching enclosure, it contains no protection or relay devices; all switching, fusing, and protection functions are provided by the adjoining load interrupter switchgear assembly.

Customer Compliance
The final arrangements, sizes, ratings, settings, configuration, and installation details of this equipment will be established in accordance with detailed engineering review, applicable project documentation, and customer approval prior to manufacture.

Larson Electronics manufactures a wide variety of custom power distribution systems, switchgear, and transformers to meet unique industrial and utility applications. Our engineering team works closely with customers to ensure each assembly is built to the exact specifications required for safe, reliable operation.

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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Export Control Classification Number (ECCN): EAR99

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