

MPD-ATS-OT-3P4W-1-4.16KV-1200A-40K-FX-FM-BEBE-MET-N3R-DF-WSP-M2

Automatic Transfer Switchgear, ATS (Open Transition), 3 Pole/3 Phase, 4 wire, Single Unit, 4.16kV, 1200A, 40 kA, Fixed Type, Floor-Mounted, Bottom Entry/Bottom Exit, Meter + CT/PT, Automatic Transfer Controls, Copper, NEMA 3R, Dead Front, wFeat, Model 2

Product ID: 338372



Image: MPD-ATS-OT-3P4W-1-4.16KV-1200A-40K-FX-FM-BEBE-MET-N3R-DF-WSP-M2

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-ATS-OT-3P4W-1-4.16KV-1200A-40K-FX-FM-BEBE-MET-N3R-DF-WSP-M2

Automatic Transfer Switchgear Cabinet

Unit Type: Medium Voltage Automatic Transfer Switchgear, Fixed-Type Construction

Line-In Source: 4.16kV, 3-Phase, 4-Wire (Customer Provided)

Line-In Connections: Bottom Entry

Line-In Orientation: Bottom Feed

Protection: Automatic Transfer Controls, Metering CT/PT Inputs Included

Nominal Voltage: 4.16 kV AC

Rated Max Voltage: 5 kV Class

Continuous Current Rating: 1200A

Short-Circuit Withstand Rating: 40 kA

Phase: 3-Phase

Frequency: 60 Hz

Wire: 4-Wire

Neutral Connection: Included

Made in the USA

Features Of Every Vertical Section

Structural design and anchorage adequate to resist loads imposed by 125 mph wind.

Space heater operating at one-half or less of rated voltage, sized to prevent condensation, controlled by thermostats to maintain temperature of each section above expected dew point.

Louvers equipped with insect and rodent screens and filters, arranged to permit air circulation while excluding rodents and exterior dust.

Weatherproof ground-fault circuit interrupter duplex receptacles.

Skid mounted; each shipping group mounted on an integral weatherproof base frame.

Shipping

Shipped on pallet on open flatbed.

Palletized on wooden pallet with skid pockets.

Pallet skid facing outward sides of truck.

Note: Crated shipping in lieu of palletizing can be done upon request for an additional fee.

Automatic Transfer Controls

Open Transition Transfer Operation
Automatic Source Transfer Functionality
Automatic Transfer Controls Included
Power Metering & Monitoring
Digital Power Technology (DPM) Metering Package
CT/PT Inputs Included
Real-Time Electrical Monitoring
Metering Functions: Voltage, Current, Power, Energy, Frequency, Power Factor

Enclosure Construction

NEMA 3R Outdoor Rated
Dead Front Construction
11GA Sheet Steel Construction
ANSI 49 Grey Finish
Protection and Control Wiring Included
Copper Bus Construction

Lug Range: 1/0 - #14

Busbar Material: Copper

Fixed Type Construction
Floor Mounted Design

Cable Entry: Bottom Entry / Bottom Exit

Dimensions: 90"H x 39"W x 48"D

Approximate Weight: 1100 lbs

Communications: Digital Power Monitoring (DPM)

Enclosure Finish: ANSI 49 Grey

Ratings / Approvals

ANSI and IEEE Standards for Switchgear
NEMA 3R Indoor/Outdoor Use
NRTL Listed for United States & Canada
Service Rated
NRTL Certified to UL 1008

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

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.

All grounding shall comply with state and local codes and meet the minimum requirements of NEC Article 250.

Made in the USA

The Larson Electronics MPD-ATS-OT-3P4W-1-4.16KV-1200A-40K-FX-FM-BEBE-MET-N3R-DF-WSP-M2 Automatic Transfer Switchgear provides reliable automatic source transfer, integrated power monitoring, and medium-voltage distribution control for critical power applications. This unit consists of a single automatic transfer switchgear assembly and is compatible with three-phase, 4-wire, 4.16kV AC systems. Designed for outdoor installations, the NEMA 3R dead-front enclosure features a 1200A continuous current rating, 40kA short-circuit withstand rating, integrated metering with CT/PT inputs, automatic transfer controls, and copper bus construction.

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

The MPD-ATS-OT-3P4W-1-4.16KV-1200A-40K-FX-FM-BEBE-MET-N3R-DF-WSP-M2 medium-voltage automatic transfer switchgear is engineered to provide dependable automatic load transfer between available power sources while maintaining system monitoring and operational continuity. The fixed-type, floor-mounted assembly is suitable for three-phase, 4.16kV, 60Hz electrical distribution systems and incorporates integrated digital power monitoring, automatic transfer controls, and dead-front construction for enhanced personnel safety. The enclosure is fabricated from 11-gauge sheet steel with an ANSI 49 gray finish and supports bottom entry/bottom exit cable routing.

Protection & Transfer Controls:

Automatic Transfer Controls
Open Transition Transfer Operation
40kA Short-Circuit Withstand Rating
Automatic Source Transfer Functionality

Power Metering & Monitoring:

Integrated Metering Package
CT/PT Inputs
Digital Power Technology (DPM)
Real-Time Electrical Monitoring

Enclosure:

NEMA 3R Outdoor Rated
Dead Front Construction
11GA Sheet Steel Construction
ANSI 49 Grey Finish

Features/Ratings:

Automatic Transfer Switchgear
3 Pole / 3 Phase, 4 Wire
Single Unit Configuration
4.16kV, 60Hz
1200A Continuous Current Rating
40kA Short-Circuit Withstand Rating
Fixed Type Construction
Floor-Mounted Design
Bottom Entry / Bottom Exit Cable Access
Copper Bus Construction
Digital Power Technology (DPM)
NRTL Listed for United States & Canada
Special Order Configuration
Custom Manufactured by Larson Electronics

Other Specs:

11GA Sheet Steel Construction
ANSI 49 Grey Finish
Lug Range: 1/0 - #14
Approximate Weight: 1100 lbs
Dimensions: 90"H x 39"W x 48"D
60Hz Frequency

Certification:

NRTL Listed for United States & Canada

Applications:

Medium Voltage Power Distribution



Utility Transfer Systems
Industrial Facilities
Commercial Facilities
Manufacturing Plants
Water and Wastewater Facilities
Critical Infrastructure
Power Distribution Networks

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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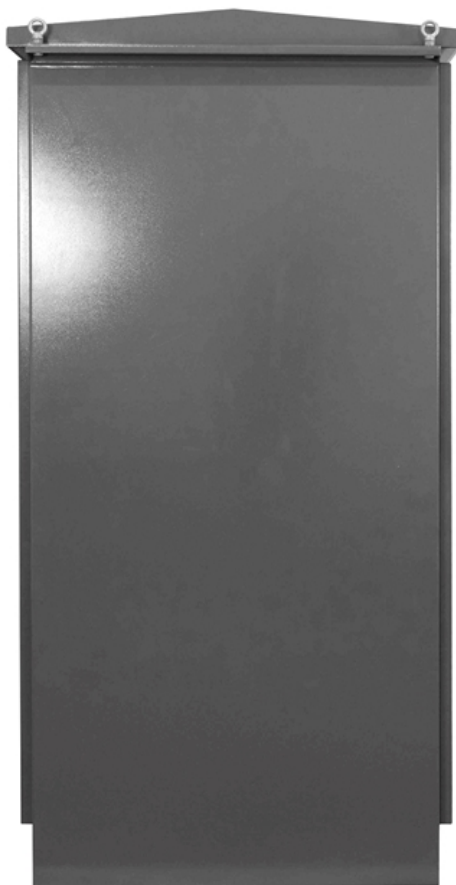
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Frequently Asked Questions (FAQ)

There are no Faqs