Larson Electronics LLC
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MPD-DS-FS-FDS-3P-4W-12-208.120V-2400A-EF-BM-N3R

2,400A Fused Disconnect Switch, 208/120V 3-Phase, 3P4W — 1 Source / 2 Loads (1,200A Fused Each, Simultaneously Closable), Floor Mount/NEMA 3R, Stainless Steel

Product ID: 342623

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



Image: MPD-DS-FS-FDS-3P-4W-12-208.120V-2400A-EF-BM-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-DS-FS-FDS-3P-4W-12-208.120V-2400A-EF-BM-N3R Fused Disconnect Switch
Unit Type: Fused Disconnect Switch, 1 Source / 2 Loads, Independently and Simultaneously Closable

Line-In Connections: Terminal Lugs, Sized for 2400A Service (Customer-Provided), Bottom Feed
Voltage: 208/120V AC, Delta or Wye
Phase: 3-Phase, 4-Wire
Main Bus Rating: 2400A
Interrupting Rating: 200kA @ 208/120V AC
BIL: 10kV
Disconnect Means: Manual via Handle, Independent per Outgoing Way
Neutral Connection: Insulated Groundable Neutral Kit with Bonding Strap
Form Factor: Rectangular, Slim-Profile Enclosure w/ Lockable Door

Door: (1) Left-Hinged Door w/ Pad-Lockable Handle

Enclosure Material: Stainless Steel
Enclosure Type: NEMA 3R Ventilated

Switch Package
Outgoing Way 1: Fused Disconnect, 1200A, Terminal Lugs Sized for 1200A, Bottom Feed

Made in the USA

Features of Every Assembly

Dead Front Construction with Vented Viewing Cover
ANSI 49 Grey Finish (Interior)
Pad-Lockable Door Handle
Insulated Groundable Neutral Kit with Bonding Strap

Ratings & Approvals
NRTL Listed to UL 891 Dead Front Switchboards
NRTL Listed for Service Equipment
All grounding shall comply with applicable NEC and local electrical codes

Outgoing Way 2: Fused Disconnect, 1200A, Terminal Lugs Sized for 1200A, Bottom Feed
Both Outgoing Ways Independently Switched and Rated for Simultaneous Closed Operation

Dimensions & Shipping
Overall Dimensions: 52 in L x 40 in W x 91 in H (estimated)
Approximate Weight: 1,400 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
Dual Simultaneous-Closable 1200A Fused Outgoing Ways, Stainless Steel Enclosure, 2400A Common Bus/Incoming, Likely Requires External Sourcing

Special Orders – Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
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Customer Compliance
This equipment is offered per the specifications and ratings detailed herein. Minor refinements to arrangement, dimensions, and installation details may be made during detailed engineering review to ensure proper fit, code compliance, and manufacturability, with any such refinements confirmed prior to 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-DS-FS-FDS-3P-4W-12-208.120V-2400A-EF-BM-N3R is a 2,400A fused disconnect switch assembly built for 208/120V, 3-phase, 4-wire service. This configuration provides one common incoming source feeding two independently switched, fused outgoing ways rated 1,200A each, with both ways capable of simultaneous closed operation. The unit is housed in a floor-mount, stainless steel, NEMA 3R ventilated enclosure suited for outdoor or exposed-to-weather installation.

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

This switch assembly is engineered to safely isolate and distribute power from a single incoming source to two separate downstream loads, with each outgoing way protected and switched independently of the other. The enclosure, bus, and switch package are sized to the full 2,400A common incoming rating so that both 1,200A outgoing ways can be operated simultaneously without exceeding the rated capacity of the incoming service.

Assembly Construction
The enclosure is fabricated from stainless steel in a rectangular, slim-profile form factor with a single left-hinged, pad-lockable door and a vented viewing cover for dead-front visual inspection without direct exposure to live parts. Interior surfaces are finished in ANSI 49 grey. Line-in connections are made via terminal lugs sized for 2,400A service, fed from the bottom of the enclosure, with connecting conductors provided by others. An insulated, groundable neutral kit with bonding strap is included for the 4-wire, 3-phase system.

Switch Package
The assembly provides two outgoing ways, each a fused disconnect rated 1,200A with terminal lugs sized for 1,200A service and bottom feed. Each outgoing way is switched independently via its own manual handle, allowing either way to be opened or closed without affecting the other, and both ways are rated for simultaneous closed operation at their full 1,200A rating.

Ratings & Approvals
The assembly is rated 208/120V AC (delta or wye), 3-phase, 4-wire, with a 2,400A main bus rating and a 10kV BIL. The unit carries an interrupting rating of 200kA at 208/120V AC. The assembly is NRTL listed to UL 891 for dead-front switchboards and is NRTL listed for use as service equipment. All grounding is provided in accordance with applicable NEC and local electrical code requirements.

Special Features
Dual, independently switched, simultaneously closable 1,200A fused outgoing ways sharing a common 2,400A incoming bus, housed in a stainless steel NEMA 3R ventilated enclosure for outdoor-rated service.

Customer Compliance
This equipment is offered per the specifications and ratings detailed herein. Minor refinements to arrangement, dimensions, and installation details may be made during detailed engineering review to ensure proper fit, code compliance, and manufacturability, with any such refinements confirmed prior to manufacture.

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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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Export Control Classification Number (ECCN): EAR99

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