Larson Electronics LLC
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## Product ID: 341926

**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-DS-WML-FDS-3P-4W-DT-240V-400A-DF-BM-N3R-TD Double Throw Fused Disconnect Switch**
**Unit Type:** Service Entrance Double Throw Fused Disconnect Switch

**Made in the USA**

**Line-In:** N/A (customer provided), Terminal Lugs
**Line-In Orientation:** Bottom Feed
**Voltage:** 240V AC
**Phase:** 3-Phase
**Frequency:** 60 Hz

**Protection Method:** Fused, Class J Type Fuse

**Protection Type:** Time Delay Fuse
**Protection Fuses:** (2) Fuses, Included
**Protection Ampacity:** 400A
**Mains Rating:** 400A
**Interrupting Rating:** 200,000 AIC RMS @ 240V AC
**Disconnect Means:** Manual via Handle
**Neutral Connection:** Solid Neutral
**Line-Out:** N/A (customer provided), Terminal Lugs, Accepts 600MCM or 2 × 350MCM
**Line-Out Orientation:** Bottom Feed

**Features of Every Assembly**
Dead Front Construction
ANSI 49 Grey Enclosure Finish
Ventilated, NEMA 3R Rated Enclosure
Pad-Lockable Door Handle
Double Throw Switching — Selects Between Two Line-In Sources to a Single Load

**Construction**
**Form Factor:** Rectangular, Slim-Profile Enclosure with Lockable Door
**Door:** (1) Left-Hinged Door with Pad-Lockable Handle
**Enclosure Material:** 11GA Sheet Steel

**Ratings & Approvals**
NRTL Listed Service Equipment
NRTL Listed to UL 98 Dead Front Switchboards
NEMA 3R Rated for Indoor and Outdoor Use

**Enclosure Finish:** ANSI 49 Grey
**Enclosure Type:** NEMA 3R, Ventilated
**Mount:** Wall Mount

**Dimensions & Shipping**
**Overall Dimensions:** 20 in W × 12 in D × 40 in H (estimated)
**Approximate Weight:** 60 lbs (estimated)
**Shipping Dimensions:** TBD
**Shipping Weight:** TBD

**Special Features**
Double Throw Switching, Service Entrance Rated, Solid Neutral

Service Entrance Rated

**Shipping**
Shipped on pallet or skid
Crated shipment 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

**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 MPD-DS-WML-FDS-3P-4W-DT-240V-400A-DF-BM-N3R-TD from Larson Electronics is a Power Distribution Double Throw Fused Disconnect Switch that is designed for reliable, safe, and convenient power distribution at industrial work sites. Designed for wall mounting installations, the disconnect switch is protected by two 400A Class J time delay fuses and a NEMA 3R rated, steel enclosure with a ventilated design.**

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

The **MPD-DS-WML-FDS-3P-4W-DT-240V-400A-DF-BM-N3R-TD** service entrance disconnect switch provides a safe and reliable way for operators in industrial settings to select between two power sources feeding a single load, independently of the work area. Compatible with three-phase 240V AC, the disconnect switch features a manual double throw operating handle, allowing selection between two line-in sources without cross-connection. This 3-pole, 4-wire disconnect with solid neutral carries a 200,000 AIC RMS @ 240V AC interrupt rating.

### Operation
The dead front fused disconnect switch features a locking door. The door provides access to a permanently attached double throw operating handle, which is used for manually selecting between the two available power sources.

### Time Delay vs. Fast Acting Fuses
Two of the most common types of fuses found in power distribution equipment are time delay and fast acting fuses.

**Time Delay:** Time delay fuses are tripped once overcurrent heat builds up enough to melt the fuse element over a period of time. That period of time varies between different time delay fuses depending on the application. Time delay fuses decrease the chances of false tripping. During startup, many components require a large current for a very short amount of time. In other words, a time delay fuse disconnects the circuit only when the overcurrent persists in the line.

**Fast Acting:** Fast acting fuses are tripped immediately upon sensing an overcurrent or short circuit in the line. They are ideal for electronics, components, or systems that cannot withstand sudden changes in current. A fast acting fuse will not withstand a temporary overload such as one that occurs during the startup process.

**Enclosure Design**
The disconnect switch is protected by an 11GA sheet steel enclosure with ANSI 49 grey finish. A ventilated design promotes natural cooling and improves performance. The enclosure is NEMA 3R rated for protection against water, moisture, and debris, allowing the disconnect to be used in indoor and outdoor areas.

**Certification**
This disconnect switch is NRTL listed to UL 98 dead front switchboards and NRTL listed for service equipment.

**Mount**
Operators can mount the service entrance disconnect on walls.

**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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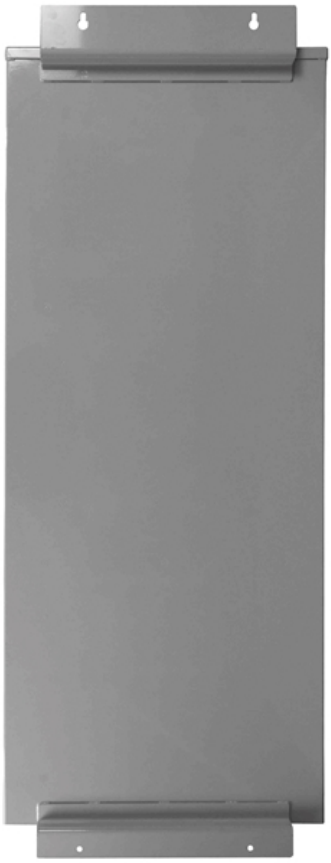


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**Export Control Classification Number (ECCN):** EAR99

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- **Video1**( https://www.youtube.com/watch?v=aOJY5E9e33I )
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