

MPD-DS-FS-NFDS-3P-4W-480Y.277-3000A-65K-DF-FM-BEBE-N1

AC Disconnect Switch, 3000 Amp, 480Y/277V, 3-Phase 4-Wire, 65kAIC, Non-Fused, Floor Mount

Product ID: 342697

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



Image: MPD-DS-FS-NFDS-3P-4W-480Y.277-3000A-65K-DF-FM-BEBE-N1

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-NFDS-3P-4W-480Y.277-3000A-65K-DF-FM-BEBE-N1 PV AC Disconnect Switch

Made in the USA

Unit Type: Service Entrance Non-Fused Disconnect Switch, PV/Utility-Interconnection
Application

Configuration: 3-Phase, 4-Wire

Voltage: 480Y/277V (Wye Configuration)

Mains Rating: 3000A

Interrupting Rating: 65kA

Disconnect Means: Manual via Handle

Line-In: N/A (customer provided)

Line-In Orientation: Bottom Entry

Line-Out: N/A (customer provided)

Line-Out Orientation: Bottom Exit

Form Factor: Rectangular Enclosure w/ Lockable Door

Enclosure Material: Sheet Steel

Enclosure Finish: ANSI Gray

Enclosure Type: NEMA 1

Mount: Floor Mount

Features of Every Assembly

Dead-Front Construction w/ Locking Door

Manual Operating Handle

Ratings & Approvals

NRTL Listed Service Equipment

NRTL Listed to UL 98 Dead Front Switch Boards

NEMA 1 Rated for Indoor Use

Dimensions & Shipping

Overall Dimensions: 48 in W × 30 in D × 78 in H (estimated)

Approximate Weight: 1,800 lbs (estimated)

Shipping

Shipped on pallet or skid

Crated shipment available upon request



Shipping Dimensions: TBD
Shipping Weight: TBD

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-FS-NFDS-3P-4W-480Y.277-3000A-65K-DF-FM-BEBE-N1 from Larson Electronics is a Non-Fused Disconnect Switch designed for reliable, safe power distribution at PV and utility-interconnection applications. This 3000-amp, 480Y/277V, three-phase, four-wire disconnect carries a 65kA interrupting rating.

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

The disconnect switch provides a safe and reliable means for operators to isolate high-capacity PV inverter or utility-interconnection circuits independently of other equipment. The unit features a manually operated handle and dead-front construction to protect operators from live components. The switch is designed for floor-mounted installation with bottom entry and bottom exit cable orientation.

Operation

The disconnect switch features a lockable door providing access to a permanently attached manual operating handle, used for manually disconnecting or connecting power.

Enclosure Design

The disconnect switch is protected by a sheet steel enclosure with an ANSI gray finish, rated NEMA 1 for indoor use.

Certification

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

Mount

Operators can mount the disconnect switch on the floor.

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.

Applications: Suitable for PV inverter interconnection, utility service entrance disconnection, and industrial power distribution applications requiring high-capacity manual disconnection.

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.



Frequently Asked Questions (FAQ)

There are no Faqs



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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/342697.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/342697.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/342697.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/342697.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/342697.JPG>)
- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/342697.JPG>)
- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/342697.JPG>)
- **HigResPic7**(<https://www.larsonelectronics.com/images/product/HigResPic7/342697.JPG>)
- **HigResPic8**(<https://www.larsonelectronics.com/images/product/HigResPic8/342697.JPG>)
- **HigResPic9**(<https://www.larsonelectronics.com/images/product/HigResPic9/342697.JPG>)
- **HigResPic10**(<https://www.larsonelectronics.com/images/product/HigResPic10/342697.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=7QlZLkFoFfc>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)