

**MPD-DS-WML-FDS-3P-3W-600V-60A-DF-BM-N4X-TD**

**Fused Disconnect Switch, 60 Amp, 600V 3PH AC, 3-Pole 3-Wire, (3) Class J Time Delay Fuses, Wall Mount, NEMA 4X**

**Product ID: 287541**



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-3W-600V-60A-DF-BM-N4X-TD Disconnect Switch - Fused Disconnect**

Unit Type: Service Entrance Fused Disconnect Switch  
Line-In: N/A (customer provided)  
Line-In Cord Cap: N/A (customer provided)  
Line-In Connections: Terminal Lugs, Accepts #10-#14 AWG  
Line-In Orientation: Bottom Feed  
Voltage (V): 600V AC Delta or Wye  
Phase (PH): 3-Phase  
Frequency (Hz): 60 Hz (60-Cycles)  
Protection Method: Fused, Class J Type Fuse  
Protection Type: Time Delay Fuse  
Protection Fuses: (3) Fuses, Included  
Protection Ampacity: N/A  
Mains Rating (Amps): 60A  
Interrupting Rating: 200,000 AIC RMS @ 600V AC  
Horsepower (Standard): 7.5 HP at 240V, 15 HP at 480V, 20 HP at 600V  
Max Motor Full Load Amps Rating: 22 FLA at 240V, 21 FLA at 480V, 22 FLA at 600V  
Disconnect Means: Manual via Handle  
Neutral Connection: -  
Line-Out: N/A (customer provided)  
Line-Out Cord Cap: N/A (customer provided)  
Line-Out Connection: Terminal Lugs, Accepts #10-#14 AWG  
Line-Out Orientation: Bottom Feed  
Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Door  
Door: (1) Left Hinged Door w/ Pad Lockable Handle  
Enclosure Material: 304 Stainless Steel  
Enclosure Finish: Natural Metal Finish  
Enclosure Type: NEMA 4X

**Ratings**

NRTL Listed Service Equipment  
NRTL Listed to UL 98 Dead Front Switch Boards  
NEMA 4X Rated for Indoor/Outdoor Use  
**Made in the USA**

**Special Orders - Special Requirements**

Mount: Wall Mount  
Dimensions: 23.99"L x 20.39"W x 14.87"H  
Weight: -  
Shipping Dimensions: -  
Shipping Weight: -

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 one-line diagram.

Contact us for special requirements  
Toll Free: 1-800-369-6671  
Intl: 1-903-270-1187  
Fax: 1-903-498-3364  
E-mail: [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

\*All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250\*

### Made in the USA

**The Larson Electronics MPD-DS-WML-FDS-3P-3W-600V-60A-DF-BM-N4X-TD Power Distribution Fused Disconnect Switch is designed for reliable, safe and convenient power distribution at industrial work sites. Designed for wall mounting installations, the disconnect switch is protected by a NEMA 4X rated, 304 stainless steel enclosure.**

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

The MPD-DS-WML-FDS-3P-3W-600V-60A-DF-BM-N4X-TD service entrance disconnect switch provides a safe and reliable way for operators in industrial settings to tap into and utilize power sources independently of the work area. Compatible with three-phase 600V AC Delta or Wye, the disconnect switch features a manual operating handle. This 3-pole, 3-wire disconnect carries a 200,000 AIC RMS at 600V AC interrupt rating. Three 30-amp Class J fuses are included with the disconnect. The fuses are quick acting and current limiting.

**Operation:** The dead front disconnect switch features a locking door. The door provides access to a permanently attached operating handle, which is used for manually disconnecting or connecting power.

**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:**
- **Fast Acting:**

**Enclosure Design:** The enclosed fused disconnect is protected from the elements in harsh environments via a 304 stainless steel and weatherproof enclosure with drip shield. Equipped with a gasketed hinged locking door, the disconnect switch carries a NEMA 4X rating for use in indoor or outdoor locations and protection from water, debris, corrosion, chemicals, and external ice formation. This enclosure provides protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, salt water, chemical wash down, and hose-directed water. The NEMA 4X rated enclosure provides protection from harsh element exposure including ice formation, salt spray, sulfates, and chlorine from interfering with the successful operation of the apparatus or result in wetting of live parts and wiring within the enclosure under specified conditions. This unit is compatible with wall mounting installations.

**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.

**Customization:** The MPD-DS-WML-FDS-3P-3W-600V-60A-DF-BM-N4X-TD can be customized to meet specific operating and power requirements. Example of customizations include:

- Making the fused disconnect portable and certified to NRTL UL 1640 for portable equipment
- Adding single pole camlock connectors for quick connections
- Adding heaters for cold environments
- Adding alarm relays for trip notification down stream
- Adding powering meters

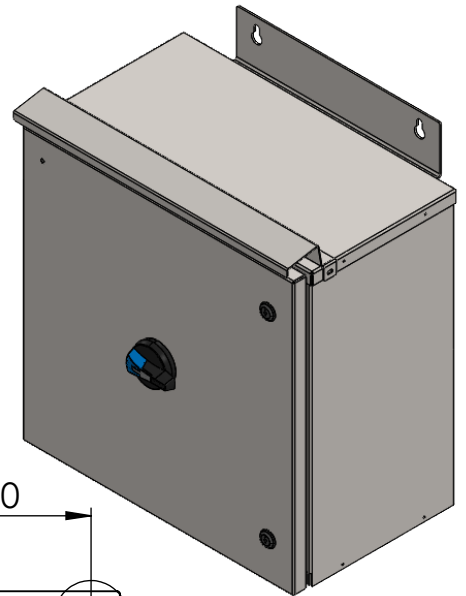
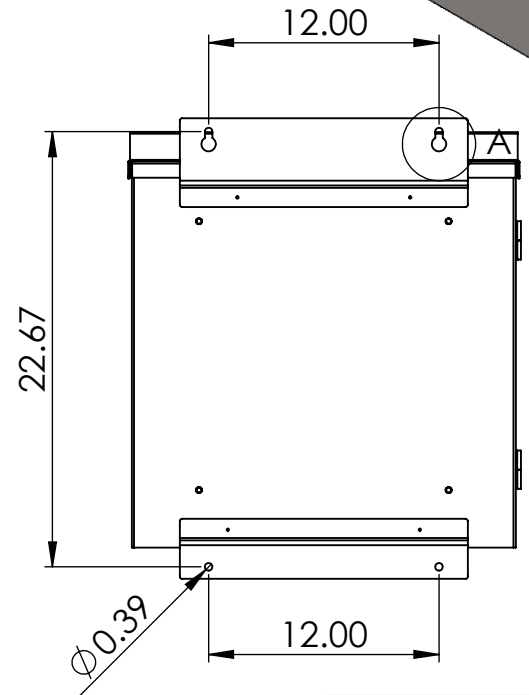
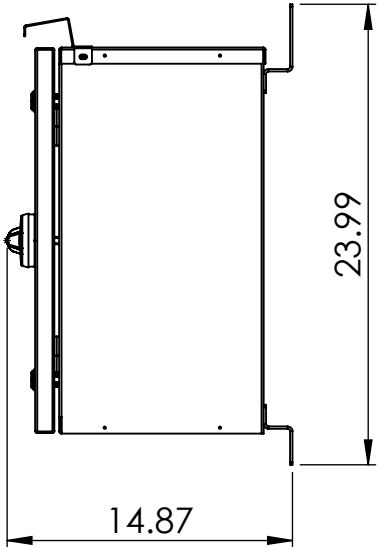
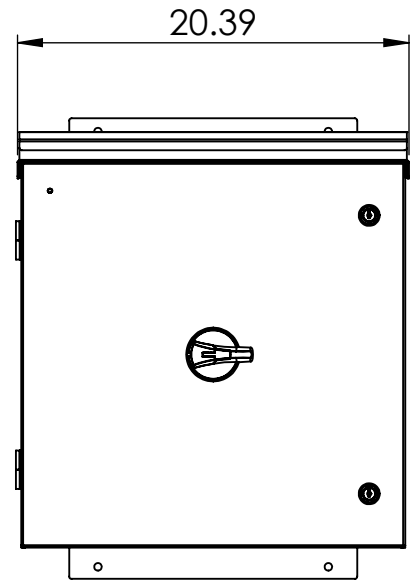
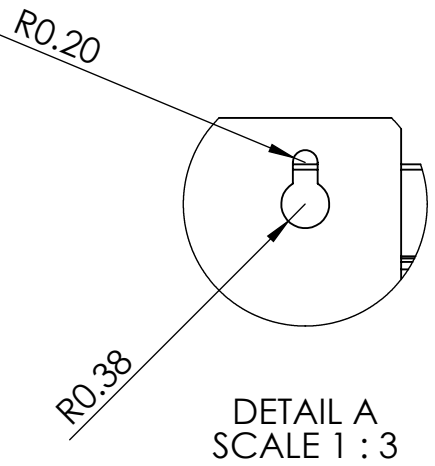
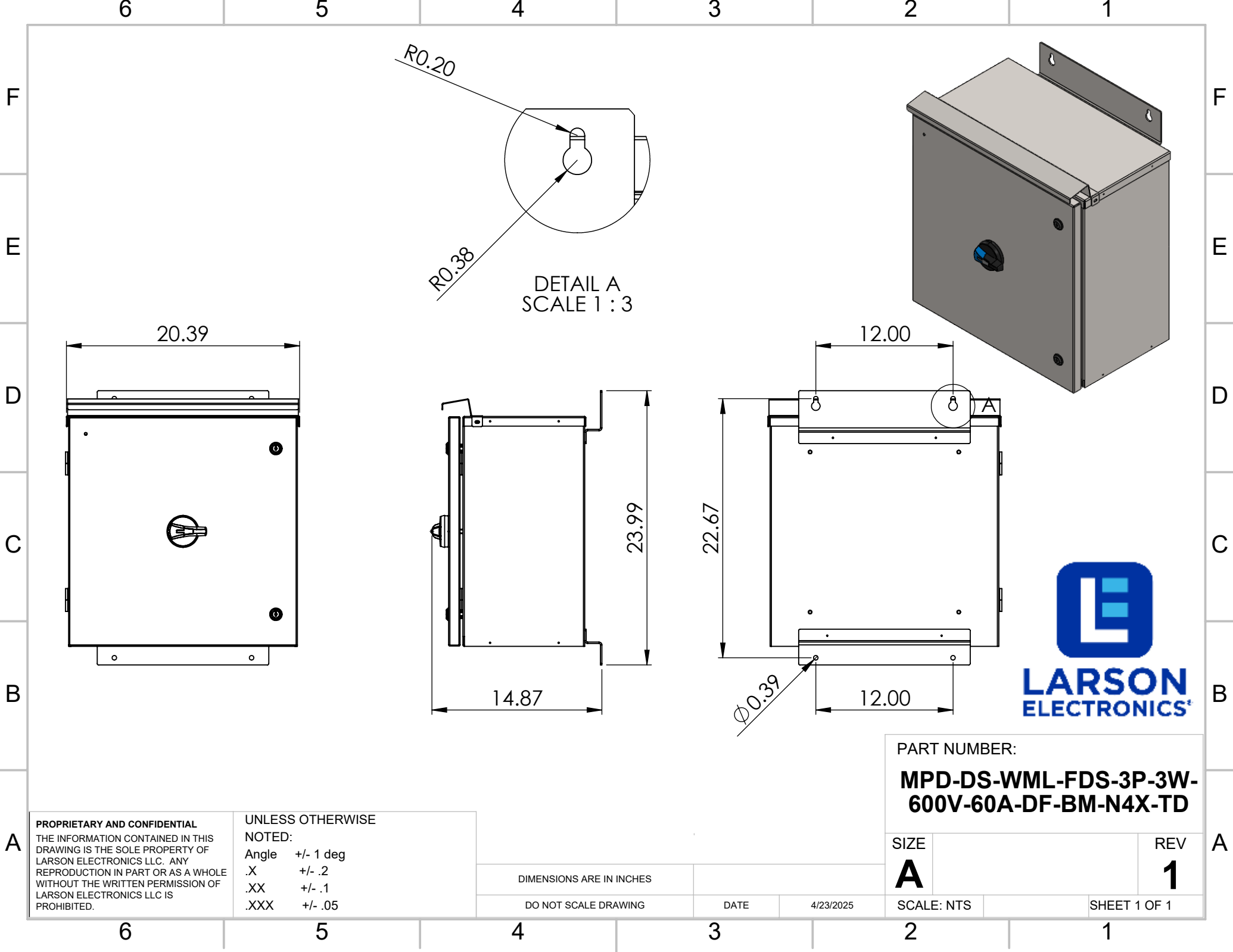
**Applications:** This switchgear is suitable for indoor/outdoor use and applications including, but not limited to, construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

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](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

---



**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LARSON ELECTRONICS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LARSON ELECTRONICS LLC IS PROHIBITED.

**UNLESS OTHERWISE NOTED:**  
Angle +/- 1 deg  
.X +/- .2  
.XX +/- .1  
.XXX +/- .05

|                          |                |
|--------------------------|----------------|
| DIMENSIONS ARE IN INCHES |                |
| DO NOT SCALE DRAWING     | DATE 4/23/2025 |

PART NUMBER:  
**MPD-DS-WML-FDS-3P-3W-600V-60A-DF-BM-N4X-TD**

|                  |                 |
|------------------|-----------------|
| SIZE<br><b>A</b> | REV<br><b>1</b> |
| SCALE: NTS       | SHEET 1 OF 1    |

# Class J Fuses

## JTD Series

**POWR-PRO®** 600 V ac • Time Delay •  $\frac{8}{10}$ –600 A



### Description

The JTD Series time-delay, dual-element fuses carry the Littelfuse POWR-PRO® advanced technology designation and are specifically designed for circuits where space is at a premium. They are ideal for use in systems with high in-rush currents. The JTD fuses offer a patented design that reduces nuisance fuse openings. In addition, they provide Type 2 “No Damage” protection for both NEMA- and IEC-type motor circuit components. These fuses help lower the costs associated with downtime, provide longer fuse life by minimizing nuisance openings, increase system performance by minimizing equipment damage, and improve safety by minimizing accidents.

The POWR-PRO performance brand offers advanced technology protection features, such as self-certification to 300,000 A rms symmetrical and superior current-limiting capability. The self-certification at 300,000 A meets the current trend toward higher short-circuit current ratings (SCCR). Self-certification testing was conducted at a nationally recognized testing laboratory, and the tests were UL witnessed.

\*Also available in blown fuse indicating version

### Features & Benefits

| FEATURES                    | BENEFITS                                                                                                                              |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>POWR-PRO® technology</b> | Superior protection against electrical system damage                                                                                  |
| <b>Dual-element</b>         | Provides extra time-delay protection with dual-element construction                                                                   |
| <b>Patented design</b>      | Reduces nuisance fuse openings                                                                                                        |
| <b>Current-limiting</b>     | POWR-PRO current limitation is $\frac{8}{10}$ -600 A. Reduces damage caused by heating and magnetic effects of short-circuit currents |

### Applications

- Motor control centers
- Fused combination motor controllers
- Transformers
- UL listed series-rated molded case circuit breaker panels
- General purpose circuits

# Class J Fuses

## JTD Series

### Specifications

|                             |                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Voltage Ratings</b>      | Ac: 600 V<br>Dc: 300 V ( $\frac{1}{10}$ –100 A)<br>500 V (110–600 A)                                                                |
| <b>Ampere Range</b>         | $\frac{1}{10}$ –600 A                                                                                                               |
| <b>Interrupting Rating</b>  | Ac: 200 kA rms symmetrical<br>300 kA rms symmetrical<br>(Littelfuse self-certified)<br>Dc: 20 kA Littelfuse self-certified          |
| <b>Material</b>             | Body: Melamine<br>Caps: Nickel-plated Bronze ( $\frac{1}{10}$ –60 A)<br>Brass (70–200 A)<br>Brass Cap with Copper Blade (225–600 A) |
| <b>Applicable Standards</b> | UL 248-8, Class J                                                                                                                   |
| <b>Country of Origin</b>    | Mexico                                                                                                                              |

### Certification & Compliance

|             |                                                                          |
|-------------|--------------------------------------------------------------------------|
| <b>UL</b>   | UL Listed (File: E81895)                                                 |
| <b>CSA</b>  | CSA Certified (File: LR29862)                                            |
| <b>CE</b>   | EU_DOC-JTD_210701 (225–600 A only)                                       |
| <b>RoHS</b> | RoHS 2 Directive 2011/65/EU;<br>Directive (EU) 2015/863 (225–600 A only) |

### Accessories

LFJ60 series fuse holder  
LFPSJ series ( $\frac{1}{10}$  – 60 A) fuse holder

### Ordering Information

| AMPERE | CATALOG NUMBER | PRODUCT MARKING       | PACK QUANTITY | ORDERING NUMBER | UPC         | AGENCY APPROVALS |     |      |
|--------|----------------|-----------------------|---------------|-----------------|-------------|------------------|-----|------|
|        |                |                       |               |                 |             | UL               | CSA | ROHS |
| 0.8    | JTD.800        | JTD $\frac{1}{10}$    | 10            | QJTD.800T       | 07945800792 | •                | •   |      |
| 1      | JTD001         | JTD 1                 | 10            | QJTD001.T       | 07945820201 | •                | •   |      |
| 1.25   | JTD1.25        | JTD 1- $\frac{1}{4}$  | 10            | QJTD1.25T       | 07945800793 | •                | •   |      |
| 1.5    | JTD01.5        | JTD 1- $\frac{1}{2}$  | 10            | QJTD01.5T       | 07945820202 | •                | •   |      |
| 1.6    | JTD01.6        | JTD 1- $\frac{6}{10}$ | 10            | QJTD01.6T       | 07945803197 | •                | •   |      |
| 1.8    | JTD01.8        | JTD 1- $\frac{9}{10}$ | 10            | QJTD01.8T       | 07945803198 | •                | •   |      |
| 2      | JTD002         | JTD-2                 | 10            | QJTD002.T       | 07945820203 | •                | •   |      |
| 2.25   | JTD2.25        | JTD 2- $\frac{1}{4}$  | 10            | QJTD2.25T       | 07945803199 | •                | •   |      |
| 2.5    | JTD02.5        | JTD 2- $\frac{1}{2}$  | 10            | QJTD02.5T       | 07945800794 | •                | •   |      |
| 2.8    | JTD02.8        | JTD 2- $\frac{8}{10}$ | 10            | QJTD02.8T       | 07945803200 | •                | •   |      |
| 3      | JTD003         | JTD 3                 | 10            | QJTD003.T       | 07945820204 | •                | •   |      |
| 3.2    | JTD03.2        | JTD 3- $\frac{2}{10}$ | 10            | QJTD03.2T       | 07945803201 | •                | •   |      |
| 3.5    | JTD03.5        | JTD 3- $\frac{1}{2}$  | 10            | QJTD03.5T       | 07945803202 | •                | •   |      |
| 4      | JTD004         | JTD 4                 | 10            | QJTD004.T       | 07945820205 | •                | •   |      |

# Class J Fuses

## JTD Series

### Ordering Information

| AMPERE | CATALOG NUMBER | PRODUCT MARKING | PACK QUANTITY | ORDERING NUMBER | UPC         | AGENCY APPROVALS |     |      |
|--------|----------------|-----------------|---------------|-----------------|-------------|------------------|-----|------|
|        |                |                 |               |                 |             | UL               | CSA | ROHS |
| 4.5    | JTD04.5        | JTD 4.5         | 10            | QJTD04.5T       | 07945805364 | •                | •   |      |
| 5      | JTD005         | JTD 5           | 10            | QJTD005.T       | 07945820206 | •                | •   |      |
| 5.6    | JTD05.6        | JTD 5.6         | 10            | QJTD05.6T       | 07945805365 | •                | •   |      |
| 6      | JTD006         | JTD 6           | 10            | QJTD006.T       | 07945820207 | •                | •   |      |
| 7      | JTD007         | JTD 7           | 10            | QJTD007.T       | 07945805366 | •                | •   |      |
| 8      | JTD008         | JTD 8           | 10            | QJTD008.T       | 07945820208 | •                | •   |      |
| 9      | JTD009         | JTD 9           | 10            | QJTD009.T       | 07945805367 | •                | •   |      |
| 10     | JTD010         | JTD 10          | 10            | QJTD010.T       | 07945820209 | •                | •   |      |
| 12     | JTD012         | JTD 12          | 10            | QJTD012.T       | 07945820210 | •                | •   |      |
| 15     | JTD015         | JTD 15          | 10            | QJTD015.T       | 07945820211 | •                | •   |      |
| 17.5   | JTD17.5        | JTD 17 ½        | 10            | QJTD17.5T       | 07945820212 | •                | •   |      |
| 20     | JTD020         | JTD 20          | 10            | QJTD020.T       | 07945820213 | •                | •   |      |
| 25     | JTD025         | JTD 25          | 10            | QJTD025.T       | 07945820214 | •                | •   |      |
| 30     | JTD030         | JTD 30          | 10            | QJTD030.T       | 07945820215 | •                | •   |      |
| 35     | JTD035         | JTD 35          | 10            | QJTD035.T       | 07945820216 | •                | •   |      |
| 40     | JTD040         | JTD 40          | 10            | QJTD040.T       | 07945820217 | •                | •   |      |
| 45     | JTD045         | JTD 45          | 10            | QJTD045.T       | 07945820218 | •                | •   |      |
| 50     | JTD050         | JTD 50          | 10            | QJTD050.T       | 07945820219 | •                | •   |      |
| 60     | JTD060         | JTD 60          | 10            | QJTD060.T       | 07945820220 | •                | •   |      |
| 70     | JTD070         | JTD 70          | 5             | QJTD070.V       | 07945820221 | •                | •   |      |
| 80     | JTD080         | JTD 80          | 5             | QJTD080.V       | 07945820222 | •                | •   |      |
| 90     | JTD090         | JTD 90          | 5             | QJTD090.V       | 07945820223 | •                | •   |      |
| 100    | JTD100         | JTD 100         | 5             | QJTD100.V       | 07945820224 | •                | •   |      |
| 110    | JTD110         | JTD 110         | 1             | QJTD110.X       | 07945820225 | •                | •   |      |
| 125    | JTD125         | JTD 125         | 1             | QJTD125.X       | 07945820226 | •                | •   |      |
| 150    | JTD150         | JTD 150         | 1             | QJTD150.X       | 07945820227 | •                | •   |      |
| 175    | JTD175         | JTD 175         | 1             | QJTD175.X       | 07945820228 | •                | •   |      |
| 200    | JTD200         | JTD 200         | 1             | QJTD200.X       | 07945820229 | •                | •   |      |
| 225    | JTD225         | JTD 225         | 1             | QJTD225.X       | 07945820230 | •                | •   | •    |
| 250    | JTD250         | JTD 250         | 1             | QJTD250.X       | 07945820231 | •                | •   | •    |
| 300    | JTD300         | JTD 300         | 1             | QJTD300.X       | 07945820232 | •                | •   | •    |
| 350    | JTD350         | JTD 350         | 1             | QJTD350.X       | 07945820233 | •                | •   | •    |
| 400    | JTD400         | JTD 400         | 1             | QJTD400.X       | 07945820234 | •                | •   | •    |
| 450    | JTD450         | JTD 450         | 1             | QJTD450.X       | 07945820235 | •                | •   | •    |
| 500    | JTD500         | JTD 500         | 1             | QJTD500.X       | 07945820236 | •                | •   | •    |
| 600    | JTD600         | JTD 600         | 1             | QJTD600.X       | 07945820237 | •                | •   | •    |

# Class J Fuses

## JTD Series

### Electrical Specifications

| AMPERAGE RATING | VOLTAGE RATING |     | INTERRUPTING RATING |       | WATTS LOSS AT 100 % RATED CURRENT (W) | WATTS LOSS AT 80 % RATED CURRENT (W) | TOTAL CLEARING I <sup>2</sup> T (A <sup>2</sup> SEC) 200 KA |
|-----------------|----------------|-----|---------------------|-------|---------------------------------------|--------------------------------------|-------------------------------------------------------------|
|                 | AC             | DC  | AC                  | DC    |                                       |                                      |                                                             |
| 3               | 600            | 300 | 200 kA              | 20 kA | 4.537                                 | 2.801                                | 820                                                         |
| 10              | 600            | 300 | 200 kA              | 20 kA | 4.087                                 | 2.418                                | 1690                                                        |
| 30              | 600            | 300 | 200 kA              | 20 kA | 4.247                                 | 2.92                                 | 4754                                                        |
| 60              | 600            | 300 | 200 kA              | 20 kA | 6.447                                 | 3.83                                 | 10450                                                       |
| 100             | 600            | 300 | 200 kA              | 20 kA | 7.463                                 | 4.447                                | 68150                                                       |
| 200             | 600            | 500 | 200 kA              | 20 kA | 18.39                                 | 10.187                               | 159000                                                      |
| 400             | 600            | 500 | 200 kA              | 20 kA | 40.037                                | 23.463                               | 1055000                                                     |
| 600             | 600            | 500 | 200 kA              | 20 kA | 61.187                                | 34.983                               | 1970000                                                     |

### Fuse Weight

| AMPERAGE   | POUNDS | GRAMS   |
|------------|--------|---------|
| 1/10–3 1/2 | 0.084  | 38.10   |
| 4–12       | 0.086  | 39.01   |
| 15–30      | 0.086  | 39.01   |
| 35–60      | 0.176  | 79.83   |
| 70–100     | 0.238  | 107.95  |
| 110–200    | 0.770  | 349.27  |
| 225–400    | 1.700  | 771.11  |
| 450–600    | 3.120  | 1415.21 |

### Dimensions

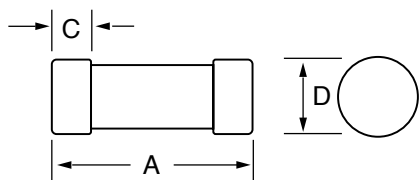


Fig. 1

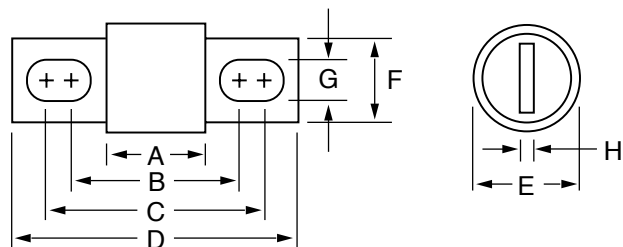


Fig. 2

| AMPERAGE  | FIG. NO. | VOLTAGE RATING |                 |                 |               |              |              |               |            |
|-----------|----------|----------------|-----------------|-----------------|---------------|--------------|--------------|---------------|------------|
|           |          | A              | B               | C               | D             | E            | F            | G             | H          |
| 1 – 30    | 1        | 2 1/4 (57.2)   | —               | 1/2 (12.7)      | 1 1/16 (20.6) | —            | —            | —             | —          |
| 35 – 60   | 1        | 2 3/8 (60.3)   | —               | 5/8 (15.9)      | 1 1/8 (27.0)  | —            | —            | —             | —          |
| 70 – 100  | 2        | 2 5/8 (66.7)   | 3 1/32 (89.7)   | 3 7/32 (94.5)   | 4 1/4 (117.5) | 1 1/8 (28.6) | 3/4 (19.1)   | 9/32 (7.1)    | 1/8 (3.2)  |
| 110 – 200 | 2        | 3 (76.2)       | 4 9/32 (108.7)  | 4 15/32 (113.5) | 5 3/4 (146.1) | 1 1/2 (38.1) | 1 1/8 (28.6) | 9/32 (7.1)    | 3/16 (4.8) |
| 225 – 400 | 2        | 3 3/8 (85.7)   | 5 1/8 (130.2)   | 5 3/8 (136.5)   | 7 1/8 (181.0) | 2 (50.8)     | 1 5/8 (41.3) | 1 3/32 (10.3) | 1/4 (6.4)  |
| 450 – 600 | 2        | 3 3/4 (95.3)   | 5 27/32 (148.4) | 6 1/2 (156.4)   | 8 (203.2)     | 2 1/2 (63.5) | 2 (50.8)     | 1 7/32 (13.5) | 3/8 (9.5)  |

# Class J Fuses

## JTD Series

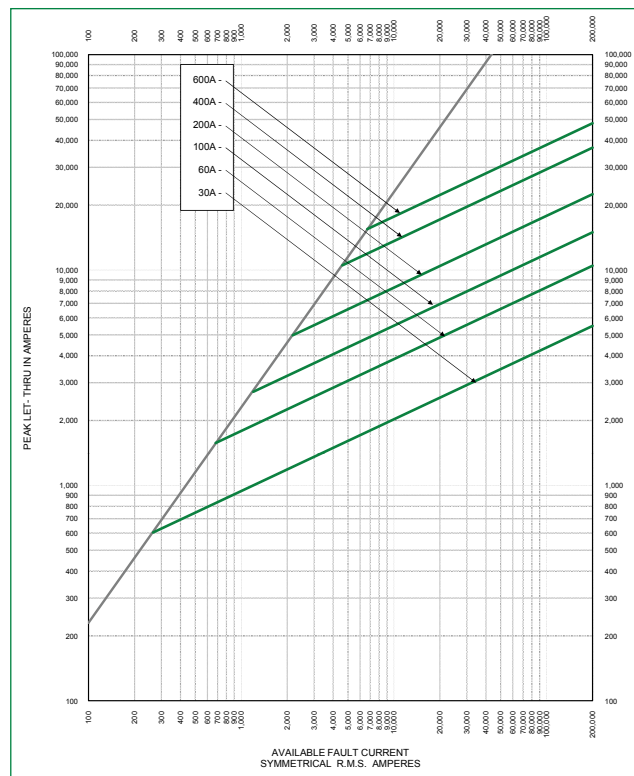
### Current-Limiting Effects

| SHORT CIRCUIT<br>CURRENT* | APPARENT RMS SYMMETRICAL CURRENT FOR VARIOUS FUSE RATINGS |       |       |       |        |        |
|---------------------------|-----------------------------------------------------------|-------|-------|-------|--------|--------|
|                           | 30 A                                                      | 60 A  | 100 A | 200 A | 400 A  | 600 A  |
| 5,000                     | 699                                                       | 1,331 | 1,903 | 2,858 | 4,702  | -      |
| 10,000                    | 881                                                       | 1,676 | 2,397 | 3,601 | 5,925  | 7,689  |
| 15,000                    | 1,008                                                     | 1,919 | 2,744 | 4,123 | 6,782  | 8,802  |
| 20,000                    | 1,110                                                     | 2,112 | 3,020 | 4,537 | 7,464  | 9,687  |
| 25,000                    | 1,196                                                     | 2,275 | 3,254 | 4,888 | 8,041  | 10,436 |
| 30,000                    | 1,271                                                     | 2,418 | 3,457 | 5,194 | 8,545  | 11,089 |
| 35,000                    | 1,338                                                     | 2,545 | 3,640 | 5,468 | 8,995  | 11,674 |
| 40,000                    | 1,398                                                     | 2,661 | 3,805 | 5,717 | 9,405  | 12,205 |
| 50,000                    | 1,506                                                     | 2,867 | 4,099 | 6,158 | 10,131 | 13,148 |
| 60,000                    | 1,601                                                     | 3,046 | 4,356 | 6,544 | 10,766 | 13,972 |
| 80,000                    | 1,762                                                     | 3,353 | 4,795 | 7,203 | 11,849 | 15,378 |
| 100,000                   | 1,898                                                     | 3,612 | 5,165 | 7,759 | 12,764 | 16,565 |
| 150,000                   | 2,173                                                     | 4,134 | 5,912 | 8,882 | 14,611 | 18,963 |
| 200,000                   | 2,391                                                     | 4,551 | 6,507 | 9,776 | 16,082 | 20,871 |

\*Prospective RMS Symmetrical Amperes Short-Circuit Current

Note: Data Derived from Peak Let-Thru Curve

### Peak Let-Thru Curves



**Disclaimer Notice** – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at [www.littelfuse.com/product-disclaimer](http://www.littelfuse.com/product-disclaimer).



## Certification

Manufacturer: Larson Electronics LLC  
Address: 9419 US-HWY 175  
Kemp, Texas 75143

**Declare the following equipment conforms to the standard(s) as listed:**

Model: MPD-DS Series  
Description: Disconnect Switch Panels

The MPD-DS series of Disconnect Switch Panels are comprised of a NEC (National Electrical Code, United States) and CEC (Canadian Electrical Code, Canada) Listed fuse assemblies, non fused assemblies, and circuit breakers from various manufacturers. These components are manufactured to NEC and CEC requirements and certified to UL 98, CSA C22.2 No. 5, and IEC 60947-3. Larson Electronics LLC builds the control panel and housing assembly. This assembly is built to NEC and CEC standards under UL 508A and CSA C22.2 No 14.

Signed for and on behalf of: Larson Electronics, LLC  
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas  
Position: Operations Manager



## Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC MPD-DS Series industrial line of Disconnect Switch Panels are considered “ARTICLES” under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS).

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

- i. Which is formed to a specific shape or design during manufacture;
- ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
- iii. Which under normal conditions does not release more than very small quantities.

Regards,

Ray Smith  
Larson Electronics, LLC.

[<- Back](#)

## Product Description

**Title:** INDUSTRIAL CONTROL PANELS

**Company:** LARSON ELECTRONICS LLC - Kemp, TX USA

**Product Information:** Industrial Control Panels For General Use.

**Evaluated to the following:** A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Panels (UL-508A) and are identified with the ETL Listed Mark.

[<- Back](#)

### Contact Us

Americas+1-888-347-5478  
(or +1-312-906-7801)

Email  
[dirlist@intertek.com](mailto:dirlist@intertek.com)

[Intertek Home](#)  
[Product Directories](#)

### Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. [Learn more...](#)

### News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. [Learn more...](#)

© 2010 Intertek All Rights Reserved.  
All other product or service names are the property of their respective owners.

*Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.*

## Switches, Open Type

### COMPANY

#### SOCOMEK SAS

1 Rue de Westhouse - B.P. 60010  
Benfeld Cedex, 67235 France

E201138

**Enclosed switches,** Model(s): 30UJ3010

**Open type switches,** Model(s): 27003006, 27003010, 27003020, 27003039, 27003040, 27003060, 27003080, 27003100, 27003120, 27004010, 27004020, 27004039, 27004040, 27004060, 27004080, 27004100, 27004120, 27053006, 27053010, 27053020, 27053039, 27054006, 27054020, 27054039, 27053040, 27053060, 27053080, 37103006, 37103010, 37103020, 37103040, 37103R06, 37103R10, 37103R20, 37103R40, 37106006, 37106010, 37106020, 37106040, 37113003, 37113004, 37113005, 37113R03, 37113R04, 37116003, 37116004, 37116005, 37123003, 37123004, 37123006, 37123010, 37123020, 37123040, 37123060, 37123080, 37126003, 37126004, 37126006, 37126010, 37126020, 37126040, 37126060, 37126080, 37162003, 37163003, 37163004, 37163005, 37163006, 37163010, 37163020, 37163040, 37166003, 37166005, 37166006, 37166010, 37166020, 37166040, 37192003, 37193003, 38502060, 38502080, 38503005, 38503060, 38503080, 38506005, 38506060, 38506080, 38603005, 38606005, 38S12060, 38S12080, 38S14100, 38S14160

**Open type switches, manual,** Model(s): 22001010, 22003010, 22011003, 22011006, 22013003, 22013006, 22BU3010, 27003011, 27003021, 27003041, 27004011, 27004021, 27004041, 27013006, 27013010, 27013020, 27013039, 27014006, 27014010, 27014020, 27014039, 27DC3011, 27DC3021, 27DC3041, 27DC3060, 27DC4011, 27DC4021, 27DC4041, 27DC4060, 27DC6041, 27DC6060, 27DC8041, 27DC8060, 27PV3011, 27PV3021, 27PV4011, 27PV4021, 338606004, 37166004, 37172004, 37172005, 37172006, 37172010, 37173004, 37173005, 37173006, 37173010, 37176004, 37176005, 37176006, 37176010, 38503003, 38503004, 38503006, 38503010, 38503020, 38503040, 38506003, 38506004, 38506006, 38506010, 38506020, 38506040, 38512004, 38512005, 38512006, 38512010, 38512020, 38512038, 38513004, 38513005, 38513006, 38513010, 38513020, 38513038, 38516004, 38516005, 38516006, 38516010, 38516020, 38516038, 38603003, 38603004, 38603006, 38603010, 38603020, 38603040, 38603940, 38606003, 38606006, 38606010, 38606020, 38606040, 38612004, 38612005, 38612006, 38612010, 38612020, 38613004, 38613005, 38613006, 38613010, 38613020, 38616004, 38616005, 38616006, 38616010, 38616020, 38673020, 38676020, 41502011, 41502021, 41502041, 41503011, 41503021, 41503041, 41503060, 41503080, 41503120, 41504011, 41504021, 41504041, 41504060, 41504080, 41505120

Last Updated on 2023-08-18

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."

### Cookies on UL Solutions

We use cookies to personalize content and ads, to provide social media features and to analyze our traffic. We also share information about your use of our site with our social media, advertising and analytics partners. [Learn more](#)

[Cookies Settings](#)

[Reject All](#)

[Accept All Cookies](#)

[<- Back](#)

## Product Description

**Title:** INDUSTRIAL CONTROL EQUIPMENT

**Company:** LARSON ELECTRONICS LLC - Kemp, TX USA

**Product Information:** Industrial Control Panels For General Use.

Power Distribution System, Model Nos. MGL, MPD, MGS series; Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.

**Evaluated to the following:** A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Equipment (CAN/CSA-C22.2 No. 14) and are identified with the cETL Listed Mark.

[<- Back](#)

### Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.

Americas+1-888-347-5478  
(or +1-847-660-7407)  
Email  
[etldirectory@intertek.com](mailto:etldirectory@intertek.com)

[Intertek Home](#)  
[Product Directories](#)  
[DLP on mobile devices](#)

### Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. [Learn more...](#)

### News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. [Learn more...](#)

© 2010 Intertek All Rights Reserved.  
All other product or service names are the property of their respective owners.



## Certification

Manufacturer: Larson Electronics LLC  
Address: 9419 US-HWY 175  
Kemp, Texas 75143

### Declare the following equipment conforms to the standard(s) as listed:

Model: MPD-DS Series  
Description: Disconnect Switch Panels

The MPD-DS series complies with the below standards set forth by the listed Association's requirements. Purchased and manufactured components are evaluated to Larson Electronics LLC Quality Control Management system per ISO 9001:2015. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

### Evaluated Standards:

**AISC:** Structural steel skid design

**NFPA 70:** National Electrical Code

**ASTM A36:** Standard Specification for Carbon Structural Steel

**ASTM A123:** Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products

**ASTM A153:** Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware

**ASTM A489:** Standard Specification for Carbon Steel Lifting Eyes

**ASTM A502:** Standard Specification for Rivets, Steel, Structural

**ASTM A563:** Standard Specification for Carbon and Alloy Steel Nuts

**ASTM A500:** Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes

**ASTM B172:** Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members, for Electrical Conductors

**ASTM D7803:** Standard Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Powder Coating

**SAE J429:** Mechanical and Material Requirements for Externally Threaded Fasteners

**AWS D1.1:** Structural Welding – Steel

**ICEA S-58-679:** Standard for Control, Instrumentation and Thermocouple Extension Conductor Identification

**ICEA S-75-381:** Portable and Power Feeder Cables for Use in Mines and Similar Applications

**NEMA OFP 1-2017:** Protection of Receptacle Outlets in Wet Locations According to the National Electrical Code



**NEMA PB 1-2011:** Panelboards

**NEMA WD 1-1999 (R2015):** General Color Requirements for Wiring Devices

**ANSI C80.1-2015:** American National Standard for Electric Rigid Steel Conduit

**ANSI C119.4-2016:** American National Standard for Electric Connectors

**ANSI Z535.4-2011:** American National Standard for Product Safety Signs and Labels

**ANSI/IEC 60529-2004 (R2011):** American National Standard for Degrees of Protection  
Provided by Enclosures (IP Code)

Signed for and on behalf of: Larson Electronics, LLC

Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas

Position: Operations Manager



## Certification

Manufacturer: Larson Electronics LLC  
Address: 9419 US-HWY 175  
Kemp, Texas 75143

### Declare the following equipment conforms to the standard(s) as listed:

Model: MPD-DS Series  
Description: Disconnect Switch Panels

### Evaluated Listings:

**CE:** DIRECTIVE 2014/35/EU - LOW VOLTAGE DIRECTIVE  
**CE:** DIRECTIVE 2014/30/EU - EMC DIRECTIVE  
**CE:** Regulation (EC) No 1907/2006 - REACH REGULATION  
**CE:** DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

The MPD-DS series complies with the essential protection requirements of the European Parliament of the Council Directive for Low Voltage Directive, EMC Directive, REACH Regulation, and RoHS Directive. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC  
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas  
Position: Operations Manager



## Certification

Manufacturer: Larson Electronics LLC  
Address: 9419 US-HWY 175  
Kemp, Texas 75143

### Declare the following equipment conforms to the standard(s) as listed:

Model: MPD-DS Series  
Description: Disconnect Switch Panels

### Evaluated Listings:

**CE:** Regulation (EC) No 1907/2006 - REACH REGULATION

**CE:** DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC  
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas  
Position: Operations Manager



## Certification

Manufacturer: Larson Electronics LLC  
Address: 9419 US-HWY 175  
Kemp, Texas 75143

### Declare the following equipment conforms to the standard(s) as listed:

Model: MPD-DS Series  
Description: Disconnect Switch Panels

### Evaluated Listings:

**CE:** Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union ("EU") Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances ("REACH").

REACH does not apply to manufactured products which are referred to as "completed articles". Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC  
Place of issue: Kemp, TX

Signature:

Name: James Thomas  
Position: Operations Manager



## Certification

Manufacturer: Larson Electronics LLC  
Address: 9419 US-HWY 175  
Kemp, Texas 75143

### Declare the following equipment conforms to the standard(s) as listed:

Model: MPD-DS Series  
Description: Disconnect Switch Panels

### Evaluated Listings:

#### FCC: Radio Frequency Emission & Authorization Status

The MPD-DS Series complies with Federal Communications Commission requirements for Radio Frequency Emission & Authorization Status. This product is not capable of emitting rf energy and does not require FCC authorization. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC  
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas  
Position: Operations Manager

## **Frequently Asked Questions (FAQ)**