75920 SERIES
36V MASTER BATTERY DISCONNECT SWITCH

Description
Keep service personnel safe and protect the battery and electrical systems in your emergency vehicle, tractor, heavy-duty truck, or boat with the 75920 Series 36V Master Battery Disconnect Switch.

The heavy-duty battery disconnect switch ensures the safety of service professionals by disconnecting the battery from the vehicle electrical system, safeguards against battery drain from parasitic loads, and features built-in lock-out/tag-out for tampering and theft prevention.

As an IPX8-rated waterproof battery disconnect switch, it is ideal for a wide range of vehicles, including construction equipment, heavy-duty trucks, boats, and vehicles operating in harsh conditions, such as snowplows and snow removal equipment. Fitting a standard master disconnect mounting pattern, the 75920 series can be used as a drop-in replacement.

With a large knob that makes manual operation simple, plus clear switch position markings and 90° switch travel, the high-amp battery disconnect can effectively be used as a manual emergency power cutoff switch.

Web Resources
Download 2D print, installation guide and technical resources at: littelfuse.com/75920

Specifications
- Current Rating Continuous: 400A @ 12V, 300A @ 24V, 200A @ 36V
- Intermittent Current in Amps: At 12V all, 5 cycles:
  - 1000A 90 sec on, 5 min off
  - 1500A 60 sec on, 5 min off
  - 2000A 30 sec on, 5 min off
  - 3000A 15 sec on, 5 min off
- Max Voltage Rating: 36 VDC
- Ignition Protection: UL 94V-0
- Ingress Protection: IPX8
- Mounting Method: Through Hole
- Circuitry: SPST
- Operating Temp Range: -40 to +85 °C

Applications
- Heavy-Duty Truck
- Construction
- Agricultural Equipment
- Material Handling
- Mining
- Off-Road Vehicles
- Emergency Vehicles
- Marine

Features and Benefits
- High amperage continuous current capacity of 400A with a single 4/0 cable at 12V DC, 300A at 24V DC, or 200A at 36V DC
- IPX8-rated waterproof battery disconnect switch for external mounting on vehicles as well as installation on boats and marine equipment
- Can be used in high-side or low-side applications
- Black or gray thermoplastic housing with a UL 94 V-0 rating
- Tested per SAE J1455 for salt, calcium chloride, and magnesium chloride, delivering a rust- and corrosion-free high-amp battery disconnect
- Large red, yellow, or black knob makes the master battery disconnect switch easy to operate while wearing gloves, and the 90° switch travel makes it simple to identify the switch position
- Built-in lock-out/tag-out (LOTO) satisfies OSHA requirements for an energy isolation device
- Large divider on the base prevents accidental shorting of high energy cables
## 75920 SERIES
### 36V MASTER BATTERY DISCONNECT SWITCH

### Ordering Information

<table>
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<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>INPUT TERMINAL</th>
<th>MOUNTING STEM</th>
<th>MOUNTING HOLE DIMENSION (mm)</th>
<th>ACTUATOR KNOB</th>
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<tr>
<td>75920-01</td>
<td>36V Master Battery Disconnect Switch with On/Off Markings and Yellow Knob</td>
<td>3/8-24</td>
<td>3/4&quot;-16 ZINC</td>
<td>Ø20.62, Ø7.92</td>
<td>YELLOW</td>
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<tr>
<td>75920-02</td>
<td>36V Master Battery Disconnect Switch with Special Red Knob</td>
<td>3/8-24</td>
<td>3/4&quot;-16 ZINC</td>
<td>Ø20.62, Ø7.92</td>
<td>RED</td>
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<tr>
<td>75920-03</td>
<td>36V Master Battery Disconnect Switch without External Stop or Bezel - Red Knob</td>
<td>3/8-24</td>
<td>3/4&quot;-16 ZINC</td>
<td>Ø20.62, Ø7.92</td>
<td>RED</td>
</tr>
<tr>
<td>75920-05</td>
<td>36V Master Battery Disconnect Switch with I/O Markings and Red Knob</td>
<td>3/8-24</td>
<td>3/4&quot;-16 ZINC</td>
<td>Ø20.62, Ø7.92</td>
<td>RED</td>
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<tr>
<td>75920-10</td>
<td>36V Master Battery Disconnect Switch with I/O Markings, Red Knob, and Stainless Steel Hardware</td>
<td>3/8-24</td>
<td>3/4&quot;-16 ZINC</td>
<td>Ø20.62, Ø7.92</td>
<td>RED</td>
</tr>
<tr>
<td>75921-02</td>
<td>36V Master Battery Disconnect Switch with I/O Markings and Black Knob - SS Hex Nut - Metric</td>
<td>M10 X 1.5</td>
<td>18mm X 1.5 ZINC</td>
<td>Ø19.00, Ø7.00</td>
<td>BLACK</td>
</tr>
<tr>
<td>75921-10</td>
<td>36V Master Battery Disconnect Switch with I/O Markings and Red Knob - SS Hardware - Metric</td>
<td>M10 X 1.5</td>
<td>18mm X 1.5 ZINC</td>
<td>Ø19.00, Ø7.00</td>
<td>RED</td>
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<tr>
<td>75921-10-BX</td>
<td>36V Master Battery Disconnect Switch with I/O Markings and Red Knob - SS Hardware - Metric - Boxed</td>
<td>M10 X 1.5</td>
<td>18mm X 1.5 ZINC</td>
<td>Ø19.00, Ø7.00</td>
<td>RED</td>
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