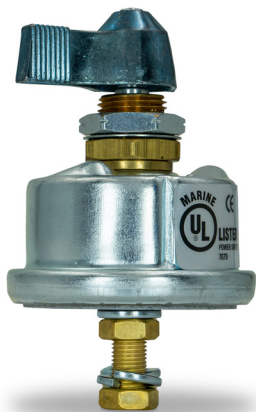


# Heavy-Duty Single-Pole Series

## Master Battery Disconnect Switches



24024



2484-16



2484-19



75908-BX

### Description

Designed for quickly disconnecting the battery from a vehicle's electrical system, Heavy-Duty Single-Pole Series Master Battery Disconnect Switches help prevent potential thermal events and ensure system shutdown during maintenance for the safety of service personnel.

These Cole Hersee brand master battery disconnect switches also prevent parasitic loads from draining the battery during periods of inactivity, such as long-term or seasonal vehicle storage.

With heavy-duty, plated-steel or brass housing options as well as available models with O-ring and gasket sealing, these master disconnect switches are ideal for heavy-duty truck, construction, emergency vehicle, bus and transit, and agricultural applications.

### Web Resources

Download 2D print, installation guide and technical resources at: [littelfuse.com/HDSinglePole](http://littelfuse.com/HDSinglePole)

### Specifications

|                                       |  |
|---------------------------------------|--|
| <b>Max Voltage Rating Continuous:</b> | 300A, 175A, 40A at 6V DC, 20A at 12V DC, 175A at 6-36V DC      |
| <b>Max Voltage Rating:</b>            | 12V DC, 24V DC, 36V DC   |
| <b>Intermittent Current:</b>          | 2000A, 1000A, 250A at 6V DC, 125A at 12V DC, 1000A at 6-36V DC |
| <b>Operating Temp Range:</b>          | -40°C to +80°C   |
| <b>Ingress Protection:</b>            | IP54 / IPX7, IP66 / IP67                                       |
| <b>Mounting Stem:</b>                 | 3/4"-16  |
| <b>Mounting Hole:</b>                 | Through Hole   |
| <b>Circuitry:</b>                     | SPST   |

### Applications

- Heavy-Duty Trucks
- Construction
- Emergency Vehicles
- Agriculture
- Bus & Transit

### Features and Benefits

- Available with a maximum voltage rating of 12V DC, 24V DC, or 36V DC
- Options include models with a continuous current rating of 300A, 175A or 40A at 6V DC, and 20A at 12V DC
- Plated-steel or brass housing, depending on the model, is ideal for construction, agricultural, and commercial vehicle applications
- Single-pole, single-throw (SPST) circuitry for disconnecting a battery from a vehicle electrical system
- Available with brass, copper, or silver-plated contacts for high conductivity and low contact resistance
- Actuator options include chrome-plated or die-cast levers for ease of operation and removable Hencol keys for added security
- O-ring and gasket sealing options are available for weather resistance
- Options with an anti-rotation locator pin are available for simplified mounting
- Compatible with 24505 series lockout lever kits (sold separately), which enable the use of a padlock for safety and security

# Heavy-Duty Single-Pole Series

## Master Battery Disconnect Switches

### Ordering Information

| PART NUMBER | DESCRIPTION  | INRUSH AMPS<br>TIME PERIOD                      | ACTUATOR    | HARDWARE                                  | HOUSING      |
|-------------|--|---|-------------|---|--------------|
| 24025-03    | 24 V 175 A Master Battery Disconnect Switch with Copper Studs and IP67 Rating                                  | N/A   | Lever       | 4x Hex Nut 3/8"-24<br>4x Lock Washer 3/8" | Plated Steel |
| 24025-04    | 24 V 175 A Master Battery Disconnect Switch with Silver Contacts and IP67 Rating                               | N/A   | Lever       | 4x Hex Nut 3/8"-24<br>4x Lock Washer 3/8" | Plated Steel |
| 24024       | 36 V 175 A Master Battery Disconnect Switch with Key, Silver Contacts & IPX7 Rating                            | N/A   | Metal Key   | N/A                                       | Plated Steel |
| 2484        | 12 V Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts                                  | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-BX     | 12 V Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts - Boxed                          | 15 seconds ON,<br>5 minutes OFF                 | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-02     | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys and Silver Contacts                               | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Key, Ringed | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-02-BX  | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys and Silver Contacts - Boxed                       | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Key, Ringed | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-03     | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys, Silver Contacts & O-Ring Seal                    | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Key, Ringed | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-03-BX  | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys, Silver Contacts & O-Ring Seal - Boxed            | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Key, Ringed | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-05     | 36 V 175 A Master Battery Disconnect Switch with Chrome Plated Lever and Silver Contacts                       | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-06     | 36 V 175 A Master Battery Disconnect Switch with Die-Cast Lever, Silver Contacts & IPX7 Rating                 | 15 seconds ON,<br>5 minutes OFF                 | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-06-BX  | 36 V 175 A Master Battery Disconnect Switch with Die-Cast Lever, Silver Contacts & IPX7 Rating - Boxed         | 15 seconds ON,<br>5 minutes OFF                 | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-09     | 36 V 175 A Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts                            | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-09-BX  | 36 V 175 A Master Battery Disconnect Switch with Die-Cast Lever and Copper Contacts - Boxed                    | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-16     | 36 V 175 A Ignition Protected Master Battery Disconnect Switch with Die-Cast Lever and Silver Contacts         | 15 seconds ON,<br>5 minutes OFF                 | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-16-BX  | 36 V 175 A Ignition Protected Master Battery Disconnect Switch with Die-Cast Lever and Silver Contacts - Boxed | 15 seconds ON,<br>5 minutes OFF                 | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-19     | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys, Silver Contacts & IPX7 Rating                    | 15 seconds ON,<br>5 minutes OFF                 | Key, Ringed | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-19-BX  | 36 V 175 A Master Battery Disconnect Switch with Hencol Keys, Silver Contacts & IPX7 Rating - Boxed            | 15 seconds ON, 5 minutes<br>OFF                 | Key, Ringed | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-51     | 36 V 175 A Master Battery Disconnect Switch with Shaft and Silver Contacts                                     | 15 seconds ON, 5 minutes<br>OFF for 1000 cycles | Shaft       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-A      | 36 V 175 A Master Battery Disconnect Switch with Lever and Silver Contacts                                     | 15 seconds ON,<br>5 minutes OFF                 | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-A-BX   | 36 V 175 A Master Battery Disconnect Switch with Lever and Silver Contacts - Boxed                             | 15 seconds ON,<br>5 minutes OFF                 | Lever       | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 2484-43     | 36 V 175 A Master Battery Disconnect Switch with Silver Contacts & IPX7 Rating                                 | 15 seconds ON,<br>5 minutes OFF                 | Key         | Hex Nut 3/8"-24<br>Lock Washer 3/8"       | Plated Steel |
| 75908       | 36 V 300 A Sealed Master Battery Disconnect Switch with Lever and Indexing Pin                                 |   | Lever       | 4x Hex Nut 1/2"-20<br>4x Lock Washer 1/2" | Plated Steel |
| 75908-01    | 36 V 300 A Sealed Master Battery Disconnect Switch with Lever  |   | Lever       | 4x Hex Nut 1/2"-20<br>4x Lock Washer 1/2" | Plated Steel |
| 75908-02    | 36 V 300 A Sealed Brass-Body Master Battery Disconnect Switch with Lever                                       |   | Lever       | 4x Hex Nut 1/2"-20<br>4x Lock Washer 1/2" | Brass        |
| 75908-BX    | 36 V 300 A Sealed Master Battery Disconnect Switch with Lever and Indexing Pin - Boxed                         |   | Lever       | 4x Hex Nut 1/2"-20<br>4x Lock Washer 1/2" | Plated Steel |